CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Paving, Cleveland, O., election Nov. 2, $8,181,000.

Waterworks improvement and dam, Waco, Tex., bonds voted, $3,500,000.

Railroads, New York, New York Central R.R. plans enlarging station, etc., $3,000,000.

Apartment, Chicago, Ill., Syndicate having plans prepared and takes bids about Nov. 21, $3,000,000.

Dam, Bonnington Falls, B. C., West Kootenay Power & Light Co., making plans, $3,000,000.

Paper mill, Longview, Wash., Longview Timber Co. making plans, $2,500,000.

Medical Science Building, Dallas, Tex., Z. E. Marvin had plans prepared, $2,000,000.

Theater and hotel, Cicero, Ill., Natl. Theater Corp. having plans prepared, $1,800,000.

Paving, Houston, Tex., election Oct. 16, $1,500,000.

Hotel, Chicago, Ill., Statler Hotel Corp. having plans prepared and takes bids about Oct. 25, $1,500,000.

Bridge, Kansas City, Mo., election Nov. 2, $1,500,000.

Sanitarium, Battle Creek, Mich., Battle Creek Sanitarium having plans prepared, $1,500,000.

Wharf, Port Darwin, Australia, Dept. Pub. Wks. soon takes bids, $1,220,000.

Office, Shreveport, La., syndicate having preliminary plans prepared, $1,000,000.

Theater, Providence, R. I., J. Conn having sketches made, $1,000,000.

Bridge, Old Hickory, Tenn., Davidson Co. making preliminary surveys, $1,000,000.

Theater, Providence, R. I., Loew's Inc., making plans, $1,000,000.

Office and store, New York, N. Y., A. E. Lefcourt will build, $1,000,000.

Apartment, Pittsburgh, Pa., Aiken Apartment Corp., having plans prepared, $1,000,000.

Bids Desired

City Hall and courthouse, Denver, Colo., Oct. 29 by Allied Architects Assn., $4,500,000.

Grading, bridging, sewers, subway and paving, Cincinnati, O., Oct. 6, by Rapid Transit Comrs., $1,011,025.

Contracts

Power plant, Norfolk, Va., Virginia Electric & Power Co. to Stone & Webster, $2,500,000.

Hotel, Aurora, Ill., Aurora Building Corp. to H. G. Christman & Co., $1,750,000.

Office, Detroit, Mich., Eaton Estate to Otto Misch Co., $1,500,000.

Tunnels, San Francisco, Calif., Bd. Pub. Wks. to A. Guthrie Co., $1,257,953.

High school, Phila., Pa., Bd. Educ. to Nelson Pedley Co. and others, $1,172,456.

Shops, Phila., Pa., H. E. Ehlers to Golder Constr. Co., $1,110,000.

Classified Index of Bids Wanted

Waterworks

Bids close — *See Eng. News-Record*

Oct. 1 Port Washington, N. Y....Sept. 23
Oct. 1 Chicago, Ill. ....Sept. 30
Oct. 2 North Castle (mail Mount Kisco) N. Y. ....Sept. 30
Adv. Sept. 30.
Oct. 4 Tarentum, Pa. ....Sept. 23
Oct. 4 Maple Heights (Bedford P. O.), O. ....Sept. 23
Oct. 4 Nutter Forts, W. Va. ....Sept. 30
Oct. 5 Minneapolis, Minn. ....Sept. 16
Oct. 5 Ft. Lauderdale, Fla. ....Sept. 16
Oct. 5 Brackenridge, Pa. ....Sept. 23
Oct. 5 Chicago, Ill. ....Sept. 30
Oct. 6 Baltimore, Md. ....Sept. 23
Oct. 6 Detroit, Mich. ....Sept. 23
Adv. Sept. 23 and 30.
Oct. 7 Newark, N. J. ....Sept. 30
Oct. 14 Newark, N. J. ....Sept. 30
Adv. Sept. 30.
Oct. 20 Memphis, Tenn. ....Sept. 16
Oct. 20 Detroit, Mich. ....Sept. 16
Oct. 26 St. Louis, Mo. ....Sept. 16
Oct. 26 Saginaw, Mich. ....Sept. 23
Nov. 1 Denver, Colo. ....Sept. 30
Adv. Sept. 30.

Sewers

Oct. 1 Cleveland, O. ....Sept. 23
Oct. 1 Rochester, N. Y. ....Sept. 30
Oct. 4 Buffalo, N. Y. ....Sept. 16
Oct. 4 Maple Heights (Bedford P. O.), O. ....Sept. 23
Oct. 4 Stevens Point, Wis. ....Sept. 30
Oct. 5 Totowa (mail Paterson) N. J. ....Sept. 30
Oct. 5 Hartford, Wis. ....Sept. 30
Oct. 6 Brooklyn, N. Y. ....Sept. 30
Oct. 6 Boston, Mass. ....Sept. 30
Oct. 7 Boston, Mass. ....Sept. 30
Oct. 7 Chicago, Ill. ....Sept. 16
Oct. 8 Boston, Mass. ....Sept. 30
Oct. 9 East Liverpool, O. ....Sept. 30
Oct. 11 Port Washington, N. Y. ....Sept. 23
Adv. Sept. 23 and 30.
Oct. 13 Portland, Ore. ....Aug. 26
Oct. 14 Chicago, Ill. ....Sept. 23
Oct. 15 Cameron, Mo. ....Sept. 30
Oct. 19 Christchurch, New Zealand. Sept. 30
Oct. 27 Decatur, Ill. ....Sept. 23

Bridges

Oct. 1 New York and Pennsylvania ....Sept. 23
Adv. Sept. 23 and 30.
Oct. 1 Michigan ....Sept. 23
Oct. 1 Cleveland, O. ....Sept. 23
Oct. 4 Pascagoula, Miss. ....Sept. 23
Adv. Sept. 23 and 30.
Oct. 4 Elizabeth, N. J. ....Sept. 30
Oct. 5 Sandwich, Mass. ....Sept. 30
Oct. 5 Baltimore, Md. ....Sept. 23
Adv. Sept. 23 and 30.
Oct. 5 Louisiana ....Sept. 23
Oct. 5 Louisiana, Mo. ....Sept. 23
Oct. 5 Grenada, Miss. ....Sept. 30
Oct. 7 New Brunswick, N. J. ....Sept. 23
Adv. Sept. 23 and 30.
Oct. 8 Phila., Pa. ....Sept. 30
Oct. 8 Troy, Kan. ....Sept. 30
Oct. 11 Groesbeck, Tex. ....Sept. 30
Oct. 12 Oklahoma ....Sept. 23
Oct. 12 Indiana ....Sept. 30
Oct. 13 Delaware ....Sept. 23
Oct. 15 Salem, N. J. ....Sept. 23
Adv. Sept. 16 to 30.
Oct. 15 Iowa ....Sept. 30
Oct. 18 Dayton, O. ....Sept. 23
Oct. 19 North Carolina ....Sept. 23
Adv. Sept. 13 and 30.
Oct. 19 North Carolina ....Sept. 30
Oct. 19 Hamilton, O. ....Sept. 30
Dec. 1 Copenhagen, Denmark ....July 15

Dams

Oct. 4 New Rochelle, N. Y. ....Sept. 23

Excavation, Drainage, Irrigation, Levees, River and Harbor

Oct. 4 Bridge Junction, Ark. ....Sept. 30
Oct. 4 Minneapolis, Minn. ....Sept. 30
Oct. 5 New Rochelle, N. Y. ....Sept. 20
Adv. Sept. 23 and 30.
Oct. 7 Iowa ....Sept. 30
Oct. 8 Illinois ....Sept. 23
Oct. 11 Merced, Calif. ....Sept. 30
Oct. 14 Shreveport, La. ....Sept. 23
Oct. 14 New Orleans, La. ....Sept. 23
Oct. 15 Alexandria, La. ....Sept. 23

Streets and Roads

Oct. 1 Dayton, O. ....Sept. 23
Oct. 1 Ohio ....Sept. 23
Oct. 1 Cincinnati, O. ....Sept. 30
Oct. 1 Roselle Park (mail Roselle) N. J. ....Sept. 30
Oct. 4 New Jersey ....Sept. 16
Oct. 4 Kansas City, Kan. ....Sept. 23
Oct. 4 North Castle (mail Mt. Kisco), N. Y. ....Sept. 23
Oct. 4 Anderson, Ind. ....Sept. 23
Oct. 4 Anderson, Ind. ....Sept. 30
Oct. 4 New York, N. Y. ....Sept. 30
Oct. 4 Boston, Mass. ....Sept. 30
Oct. 4 Albany, N. Y. ....Sept. 30
Oct. 4 Bloomfield, N. J. ....Sept. 30
Oct. 4 Lyndhurst (Br. Rutherford), N. J. ....Sept. 30
Oct. 4 Cedar Rapids, Ia. ....Sept. 30
Oct. 5 Boston, Mass. ....Sept. 30
Oct. 5 Crawfordsville, Ind ....Sept. 30
Oct. 5 Phila., Pa. ....Sept. 30
Oct. 5 Independence, Ia. ....Sept. 30
Oct. 5 Iowa ....Sept. 30
Oct. 5 Louisiana ....Sept. 16
Oct. 5 Bradenton, Fla. ....Sept. 16
Adv. Sept. 16 to 30.
Oct. 5 Kosciusko, Miss. ....Sept. 23
Oct. 5 Vincennes, Ind. ....Sept. 23
Oct. 5 Minnesota ....Sept. 23
Oct. 5 Louisiana ....Sept. 23
Oct. 5 Washington ....Sept. 23
Oct. 6 Michigan ....Sept. 16
Oct. 6 Michigan ....Sept. 23
Oct. 6 Kosciuska, Miss. ....Sept. 30
Oct. 6 Michigan ....Sept. 30
Oct. 6 Racine, Wis. ....Sept. 30
Oct. 6 New York, N. Y. ....Sept. 30
Oct. 6 St. George, N. Y. ....Sept. 30
Oct. 6 Cincinnati, O. ....Sept. 30
Oct. 6 Illinois ....Sept. 30
Oct. 6 Baltimore, Md. ....Sept. 50
Oct. 7 Michigan ....Sept. 30
Oct. 7 Jackson, Miss. ....Sept. 23
Oct. 7 Baton Rouge, La. ....Sept. 23
Oct. 8 Michigan ....Sept. 23
Oct. 8 Eureka, Kan. ....Sept. 30
Oct. 11 New Jersey ....Sept. 23
Adv. Sept. 23 and 30.
Oct. 11 California ....Sept. 23
Oct. 11 Sherman, Tex. ....Sept. 23
Oct. 11 Stockton, Calif. ....Sept. 30
Oct. 11 Los Angeles, Calif. ....Sept. 30
Oct. 12 Indiana ....Sept. 30
Oct. 12 Winchester, Tenn. ....Sept. 30
Oct. 12 Oklahoma ....Sept. 30
Oct. 12 Charles City, Ia. ....Sept. 30
Oct. 12 Kansas City, Kan. ....Sept. 23
Oct. 12 Oklahoma ....Sept. 23
Oct. 12 Columbus, O. ....Sept. 30
Oct. 14 Eureka, Kan. ....Sept. 30
Oct. 15 Pennsylvania ....Sept. 30
Adv. Sept. 30.
Oct. 15 Birmingham, Ala. ....Sept. 23
Oct. 19 Ft. Scott, Kan. ....Sept. 23
Oct. 19 North Carolina ....Sept. 30
Oct. 30 Birmingham, Ala. ....Sept. 30

Buildings—Commercial

Oct. 1 Cincinnati, O. ....Sept. 16
Oct. 2 La Crosse, Wis. ....Sept. 30
Oct. 4 Milwaukee, Wis. ....Sept. 23
Oct. 4 Cleveland, O. ....Sept. 30

See proposal advertising on page 110

Constr. News page 211

TRADE "LEADITE" MARK
Registered U. S. Pat. Office

Good Pipe Joints

Laying 36-in. c. i. Water Mains with Leadite Joints

Has it occurred to you why so many water works men are using Leadite for making joints in all sizes of cast iron water mains?

There are many sound reasons.

The most important reason is that experience has proven Leadite joints are good joints and improve with age.

The other reasons relate to saving in the cost of material and labor.

Leadite facilitates rapid completion of the work.

Leadite saves money from every angle of pipe laying.

Anyone can make Leadite joints; Leadite is very easy and simple to handle.

Yarn the joint, pour it full of molten Leadite, and the joint is finished.

If you have never tried Leadite, do not pass up a good thing without investigating it.

Give Leadite a trial.

Leadite resists electrolysis.

Leadite does not corrode or rust.

Leadite has been successfully tested and used for over 30 years.

Thousands of miles of pipe jointed with Leadite are in service.

The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking material for c. i. pipe

Be Sure It Is LEADITE
and Accept No Imitations

THE LEADITE COMPANY, Inc.
1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close		*See Eng. News-Record*
Oct.	5 Kankakee, Ill.	Sept. 23
Oct.	5 Chicago, Ill.	Sept. 23
Oct.	5 St. Paul, Minn.	Sept. 30
Oct.	6 Hot Springs, Ark.	Sept. 30
Oct.	11 Jacksonville, Fla.	Sept. 30
Oct.	13 Buffalo, N. Y. Adv. Sept. 23 and 30.	Sept. 23
Oct.	15 Duluth, Minn.	Sept. 23
Oct.	15 Sioux City, Kan.	Sept. 30
Oct.	15 Waupun, Wis.	Sept. 30
Oct.	19 Indianapolis, Ind.	Aug. 26
Oct.	20 Pittsburgh, Pa.	Sept. 30
Oct.	21 Lafayette, La.	Sept. 23
Oct.	25 Richmond, Calif.	Sept. 30
Nov.	15 Duluth, Minn.	July 15

Buildings—Industrial

Oct.	5 Dorchester (Boston P. O.), Mass.	Sept. 23
Oct.	8 Baton Rouge, La.	Sept. 30
Oct.	11 Santa Barbara, Calif.	Sept. 30
Jan.	1 Salem, O.	Sept. 30

Buildings—Educational, Religious

Oct.	1 Storrs, Conn.	Sept. 2
Oct.	1 Boston, Mass.	Sept. 23
Oct.	1 Adrian, Mich.	Sept. 23
Oct.	1 Carnegie, Pa.	Sept. 23
Oct.	1 Camden, N. J.	Sept. 30
Oct.	8 Duluth, Minn.	Sept. 30
Oct.	8 Detroit, Mich.	Sept. 30
Oct.	8 Nutley, N. J.	Sept. 30
Oct.	11 Asheville, N. C.	Sept. 30
Oct.	11 Columbus, O.	Sept. 23
Oct.	19 Newell, W. Va.	Sept. 23
Oct.	20 Paola, Kan.	Sept. 30
Oct.	25 Stamford, Conn.	Sept. 23

Federal Government Work

Bids close		*See Eng. News-Record*
Oct.	4 Remodeling—Zanesville, O.	Sept. 23
Oct.	5 Remodeling — McKeesport, Pa.	Sept. 23
Oct.	7 Assembly Shops — Dayton, O. Adv. Sept. 16 to 30.	Sept. 16
Oct.	7 Road—Colorado	Sept. 30
Oct.	8 Remodeling—Olean, N. Y.	Sept. 23
Oct.	9 Dwellings—Wash., D. C. Adv. Sept. 16 to 30.	Sept. 16
Oct.	11 Remodeling—St. Augustine, Fla.	Sept. 23
Oct.	11 Wiring—Oxford, Miss.	Sept. 30
Oct.	12 Hoists, etc.—Denver, Colo.	Sept. 16
Oct.	12 Deep Wells—Legion, Tex.	Sept. 30
Oct.	12 Earthwork—New Orleans, La.	Sept. 30
Oct.	13 Bottom—Key West, Fla.	Sept. 30
Oct.	13 Wharf—New York, N. Y. Adv. Sept. 30.	Sept. 30
Oct.	14 Remodeling—Erie, Pa.	Sept. 30
Oct.	15 Wharf—Marcus Hook, Pa.	Sept. 30
Oct.	16 Dredging — Port Chester, N. Y. Adv. Sept. 16 to 30.	Sept. 16
Oct.	18 Dredging—Baltimore, Md.	Sept. 16
Oct.	18 Remodeling—Janesville, Wis.	Sept. 30
Oct.	18 Refrigerating Plant—Boise, Idaho.	Sept. 30
Oct.	19 Water Softening Plant—Hot Springs, S. D.	Sept. 30
Oct.	26 Waterproofing—Sheridan, Wyo.	Sept. 30
Oct.	29 Dredging—Newark, N. J. Adv. Sept. 30.	Sept. 30
Nov.	1 Survey Boat—Memphis, Tenn. Adv. Sept. 30.	Sept. 30

Unclassified

Bids close		*See Eng. News-Record*
Oct.	1 Subway—New York, N. Y.	Sept. 9
Oct.	2 Underground Conduits—Montreal, Que.	Sept. 23
Oct.	4 Trainshed—Saint John, N. B.	Sept. 30
Oct.	5 Tender Boats—Albany, N. Y.	Sept. 30
Oct.	6 Playground—Baltimore, Md.	Sept. 30
Oct.	8 Elevated Line — Brooklyn, N. Y.	Sept. 23
Oct.	11 Foundation and Excavation—Columbus, O.	Sept. 23
Oct.	11 Street Lighting System—Gary, Ind. Adv. Sept. 30.	Sept. 30
Oct.	15 Subway—New York, N. Y.	Sept. 9
Oct.	15 Stone Crushing Plant—Caldwell, N. J.	Sept. 30
Oct.	19 Stadium—Wheeling, W. Va.	Sept. 30
Oct.	28 Transit Sheds—West Palm Beach, Fla.	Sept. 30
Nov.	1 Buildings, etc.—New Zealand	July 1
Nov.	1 Foundation—Sioux City, Ia.	Sept. 30

Materials

Oct.	4 Steel Pipe and Boiler tubes—Phila., Pa.	Sept. 20
Oct.	4 Cable—New York, N. Y.	Sept. 30
Oct.	5 Bridge Flooring—Fort Madison, Ia.	Sept. 30
Oct.	6 Concrete—St. George, N. Y.	Sept. 30
Oct.	7 Soil Pipe, etc.—Newark, N. J.	Sept. 30
Nov.	3 Cable—Melbourne, Australia	Sept. 16

News of New Work

Waterworks

Proposed Work

Ind., Dana—Dana Water Co. takes bids about Oct. 15, rebuilding and extending waterworks, incl. new 60,000 gal. elevated tank, pumping equipment and additional distribution system. Heer Eng Co., 314 Star Bldg., Terre Haute, engrs.

Ind., Morristown—Morristown Water Co. takes bids about Oct. 15, new waterworks, incl. 60,000 gal. elevated steel tank, pumping equipment, distribution system, etc. Heer Eng. Co., 314 Star Bldg., Terre Haute, engrs.

Mich., Detroit — Dept. Water Supply making plans extending 6 and 8 in. c.i. mains in 11 avenues. G. H. Fenkell, 176 East Jefferson Ave., genl. mgr.

Mich., Utica—Made plans filtration plant and pumping station with electrically operated pumps, elevated steel tank, 2 low head 300 g.p.m. vertical centrifugal pumps and 2 high head 300 g.p.m. horizontal pumps with switches, etc. Pate, Bacon & Hamman, 602 Transportation Bldg., Detroit, engrs.

S. D., Huron — Plans election $500,000 bonds, extending waterworks; also constructing sewage disposal plant. M. F. Walt, city aud.

Mo., Clarence—Election Oct. 12, $88,000 bonds waterworks and distribution system. W. B. Rollins & Co., 521 Ry. Exch. Bldg., Kansas City, engr. Noted Sept. 16.

Mo., Seymour—Plans new election $35,000 bonds, complete waterworks and distribution system. Noted June 3.

Tex., Mercedes—See "Unclassified."

Tex., Waco — Voted $3,500,000 bonds waterworks improvements, incl. dam across Bosque River, as source water supply for city. V. G. Koch, city engr. Noted Sept. 2.

Okla., Paden—Made plans and election soon $24,000 bonds, new waterworks plant, incl. tank, deep well, 10,200 ft. 4- to 8-in. c.i. mains, etc. G. Ware, city clk. Engineer not announced.

Calif., Chowchilla—Plans election $25,000 bonds, water-works. Noted Sept. 2.

Bids Desired

N. Y., North Castle (mail Mount Kisco)—Oct. 2, by Bd. Water Comrs., North Castle Water Dist. 1, at North White Plains Fire House, Bway., White Plains North, stee. stand pipe and diesel oil engine, centrifugal pumps, etc. J. N. Heeney, White Plains, engr.; adv. E. N.-R. Sept. 30.

N. J., Newark—Oct. 14, by North Jersey Dist. Water Supply Comn., 24 Commerce St., clearing and grubbing at Wanaque Reservoir. Former contract rescinded. A. H. Pratt, ch. engr. M. R. Sherrerd, consult. engr.; adv. E. N.-R. Sept. 30. Noted Sept. 23.

N. J., Newark — Oct. 7, at office T. L. Raymond, dir. Pub. Affairs, City Hall, 6- to 12-in. low pressure mains in various streets.

W. Va., Nutter Fort—Oct. 4, by Town, 26,000 ft. 2- to 8-in. c.i. and 11,000 ft. 2 in. galvanized mains, etc. in various streets. H. P. Squires, mayor.

O., Columbus—See "Streets and Roads."

Ill., Chicago—Oct. 1, by Dept. Pub. Wks., Room 406, City Hall, furnishing, delivering and unloading 446 tons 16 in. c.i. pipe, at 119th St. between Hale Ave. and Vincennes Rd. A. A. Sprague, comr. Pub. Wks.

Colo., Denver — Nov. 1, by City and Denver Co., at office Bd. Water Comrs., 1509 Cleveland Pl., designing, constructing and delivering f.o.b. cars, Denver, pumping equipment for use at Capitol Hill, Ashland Ave. and University Park Pumping Stations. D. R. Gross, ch. engr.; adv. E. N.-R. Sept. 30.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Bids Received

Pa., Phila.—Dept. Pub. Wks., Bureau of Water, Sept. 23, small pipe line in streets to be repaved, Contr. 824, from M. and J. B. McHugh, 892 North Markoe St., $50,885. Noted Sept. 16.

O., Avon Lake—Bd. Comrs. Lorain Co. (Elyria), Sept. 15, filter plant, low service pump house, 30 x 40 ft. coagulation basin, storage tanks and pumping equipment, from Pitt Constr. Co., Empire Bldg., Pittsburgh, Pa., $189,389 and $217,776. Noted Sept. 9.

O., Cleveland—For 5,000 ft. 6 and 8 in. c.i. mains in Mayfield Rd. and Ridgebury Blvd., Impvt. 366, from A. Marra Co., Engineers Bldg., $14,955; and 2,500 ft. 8 in. c.i. mains in Brookside Rd Impvt. 156, from Sprague & Burkhart, 11108 Browning Ave., $8,783.

O., Maple Heights (Bedford P. O.)—See "Sewers."

Mich., Detroit—Dept. Water Supply, 176 East Jefferson Ave., 46,405 ft. 6- to 16-in. mains, etc., in various streets, from V. Fintozzi, 3065 Humboldt Ave. Noted Sept. 9.

Mich., Detroit — Dept. Water Supply, 16,580 ft. 8- to 24-in. mains, etc., in various streets, from B. Canini, 1795 Shawnee Ave., Columbus, O., $41,801.

Wis., Milwaukee—Bd. Pub. Wks., R. E. Stoelting, comr., Sept. 20, 11,740 ft. 6- to 16-in. c.i. mains in Fond du Lac and Keefe Aves., Townsend, 30th, 40th, 41st and 42nd Sts., from J. M. Lancaster, Menomonee Falls, $19,262. Noted Sept. 16.

Contracts Awarded

Mass., Chicopee—See "Dams."

Md., Baltimore—Bd. Awards, excavating trenches and laying mains in Hillen Rd., to M. and J. B. McHugh, 3414 Springdale Ave., $23,250. Noted Sept. 23.

La., Lake Charles — Bd. Comrs. Lake Charles Harbor & Terminal Dist., 50,000 gal. tank on tower, to Pittsburgh-Des Moines Steel Co., Tuttle and Southwest 10th St., Des Moines, Ia., $5,650; one 8 in. artesian well, to Layne Louisiana Co., Inc., 210 Broad St., $7,200; 1,400 ft. 2½ in. fire hose, to Murray Brooks Hardware Co., Lake Charles; electric driven fire pump and 500 gal. electric driven service pump, to L. S. Vallely & Co., Lake Charles. Noted Aug. 17.

Tenn., Knoxville—City Manager, 1 m.g. rein.-con. reservoir, to Flenniken Constr. Co., Knoxville, $24,844. Noted Sept. 2.

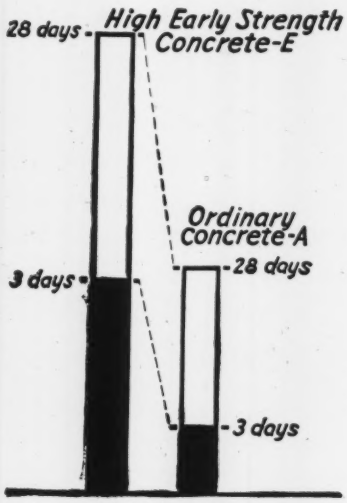
Tenn., Nashville—Waterworks improvements, incl. 48 x 107 ft., brick and concrete plant and power plant (waterworks), to Foster & Creighton Co., 4th and 1st Natl. Bank Bldg., $67,900.

O., Bay Village—Mains in 10 streets, to Kassouf & Co., 2600 Althen Ave., Cleveland, $30,000. Engrs. est. $38,000. Noted July 22.

O., Cleveland—Bd. Comrs. Cuyahoga Co., 6,000 ft. 6 and 8 in. c.i. mains in Invermere and Throckley Aves., Impvt. 575, and 12,000 ft. in Walden Ave., Impvt. 574, to Yahya Bros., 3196 West 25th St., $14,076 and $27,630 respectively; also 2,300 ft. in Franke and Humphrey Rd., to Langenhan Constr. Co., Marshall Bldg., $8,771. Grand total $50,477.

O., Fremont—Bd. Control, building and installing plumbing, heating and electrical fixtures in filtration and waterworks plant, to Steinle-Wolfe Constr. Co., Fremont, $138,203.

Constr. News page 212



THE idea that a special brand of Universal cement at a higher cost must be used to obtain high early strength concrete is a misconception.

Strong *3-day* concrete is obtained with the same Universal portland cement and at regular price as is ordinarily used in construction work by simply applying the well-authenticated methods described in the "Quick-Hardening Concrete" circular furnished promptly on request.

For detailed information simply use the coupon below.

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

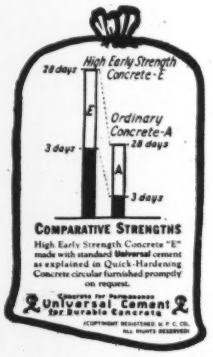
UNIVERSAL PORTLAND CEMENT CO.,
210 So. La Salle St.,
Chicago

Please send us detailed information on the methods for obtaining STRONG concrete in 3 DAYS with standard UNIVERSAL (not special) cement —with the same quality UNIVERSAL portland cement and at same price as regularly used for ordinary concrete work.

Name .....

Address .....

ENR-9-30-26



Waterworks (Continued)

Mich., Detroit—Mortenson-Nicholson Co. 14,000 ft. 6 and 8 in. c.i. mains in Sect. 1, to Coolsaet Bros., 12734 Michigan Ave., $27,413; Sect. 2, to W. G. Hoy Co., Redford, $8,312. Noted Sept. 16.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., new boiler, incl. mechanical stoker, furnace, tc., for North Point Pumping Station, to Industrial Heating & Eng. Co., 490 Bway., $27,127. Noted Aug. 19.

Wis., Milwaukee—Dept. Pub. Wks., mains in various streets, to Mierswa Constr. Co., 582- 20th St., $15,535.

Minn., St. Paul—A. E. Eggert, city purch. agt., 1,125 water meters, to Gamon Meter Co., 282 South St., Newark, N. J., $9,832. Noted Sept. 2.

Kan., Yates Center — Waterworks improvements, general construction, to Chanute Constr. Co., Chanute, Kan., $44,435; tank and tower, to Chicago Bridge & Iron Co., 608 South Dearborn St., Chicago, Ill., $2,835; pumps, etc., to Reeves & Skinner (Dayton-Dowd), $3,020. Noted Sept. 2.

Mo., Branson—I. W. Hervford, City Hall, clk., 4 and 6 in. mains in various streets, to J. T. Cox, Branson, $27,119. Noted July 22.

Mo., Webster Groves (Ind. br. St. Louis)—For 53,400 ft. 4- to 10-in. c.i. mains in various streets, to Dunbar Contg. Co., 3710-A, Wyoming St., St. Louis, $43,843. Noted Apr. 1.

Tex., Amarillo—Earth dam across Palo Duro Canyon, Contr. 3, to Luck & Eldridge, 413 Rialto Bldg., Kansas City, Mo., $110,000. Noted Aug. 12.

Calif., San Bernardino—To Grinnell Co. of the Pacific, 520 Mateo St., Los Angeles, 6,000 lin.ft. 8 in. steel pipe at $94.50, 10,000 lin.ft. 4 in. at $34.25, and 10,000 lin.ft. 6 in. at $56.80.

Calif., San Francisco—Bd. Pub. Wks., Hetch Hetchy Tunnels, Proposition C, to A. Guthrie Co., 552 Sherlock Bldg., $1,257,952; and Proposition E, to Connolly & Deluca, 461 Market St., $779,745. Noted Sept. 30.

Ont., Thorold—J. Heysel, secy. Utilities Comn., main extensions, etc., to Jerome, Damore, Thorold, $29,448. Engrs. est. $35,000.

Sewers

Proposed Work

Mass., Boston—Dept. Pub. Wks., plans sewerage works in Dorchester, Roxbury and Hyde Park Dists. $34,600. J. H. Sullivan, comr.

N. Y., Binghamton—Making preliminary plans sewage treatment plant. E. Prentiss, city engr.

Pa., Altoona—Logan Twp. plans sewerage system and disposal plant for Eldorado and Roselawn suburban communities. J. W. Moody, Jr., 5301 4th Ave., Roselawn, Altoona, secy.

O., Columbus—Rejected bids Aug. 24, 3737 ft. 8 in. sanitary sewer in Whitethrone Ave. from Sullivant Ave., to alley south. R. H. Simpson, city engr. Noted Aug. 19.

O., Cuyahoga Falls—See "Streets and Roads."

Ill., Whitehall — Takes bids in spring, sewage disposal plant, etc. $25,000. Caldwell Eng. Co., 36 North Side Sq., Jacksonville, engrs.

Minn., St. Paul—Making plans constructing Belt Line Sewer extension serving area between 3rd, 5th, Hazel and Pederson Sts. $60,000. G. M. Shepard, City Hall, engr.

Minn., Waite Park—Rejected bids Sept. 15, sewage disposal plant. S. S. Chute, Court House, St. Cloud, engr. Noted Sept. 9.

Neb., Columbus—Defeated $85,000 bonds, storm sewers, etc., in various streets. Noted June 24.

S. D., Huron—See "Waterworks."

Mo., Campbell — Voted $35,000 bonds, complete sanitary sewerage system. A. C. Moore, Joplin, engr. Noted Aug. 19.

Mo., Clarence—Election Oct. 12, $52,000 bonds, sewerage system. W. B. Rollins, 512 Ry. Exch. Bldg., Kansas City, engr.

Mo., Maplewood (br. St. Louis)—City Clerk, takes bids in October, Northwest Maplewood Joint Sewer Dists. 1 and 2, 500 cu.yd. rock and 16,500 cu.yd. earth excav., 1,700 cu.yd. channel change, 1,072 ft. 42 and 48 in. segmental block, 24,400 ft. 8- to 36-in. vitr. clay pipe, 45,300 lb. c.i., etc. Beard Eng. Co., 7370 Manchester Ave., engrs.

Mo., Mount Vernon—Voted $46,500 bonds, complete sanitary sewerage system. E. W. Gantt Eng. Co., 1116 West Main St., Oklahoma City, Okla., engrs. Noted Aug. 12.

Tex., Beaumont—Election Oct. 16, $250,000 bonds sewers in various streets. R. C. Black, city engr.

Tex., Brownsville — Election Oct. 16, $100,000 bonds, sewers, etc. in various streets.

Tex., Harlingen—Voted $25,000 bonds, sewer improvements, etc. in various streets. D. W. Schuebach, city secy. Noted Aug. 26.

Tex., Houston—Election Oct. 16, $100,000 bonds, sanitary sewers in various streets. J. C. McVea, city engr.

Tex., Mercedes—See "Unclassified."

Calif., Berkeley—Plans storm drains in various sections city. $150,000. J. N. Edy, city mgr.

Calif., Pasadena—Plans election $260,000 bonds, outfall sewer in Lamanda Park. Noted July 15.

Calif., Yuba City—Made plans 63,415 ft. 6- to 15-in. vitr. sewer, and 12,000 ft. of 4 in. laterals in various streets. C. C. Kennedy, Call Bldg., San Francisco, engr.

Ont., Kincardine — See "Streets and Roads."

Bids Desired

Mass., Boston — Oct. 6, by Dept. Pub. Wks., sewerage works in various streets in Dorchester Oct. 7, in Brighton; and Oct. 8, in West Roxbury. $25,000. J. H. Sullivan, comr.

N. Y., Albany—See "Streets and Roads."

N. Y., Brooklyn—Oct. 6, by J. J. Byrne, acting pres. Brooklyn Boro, Boro Hall, sewer in Livonia Ave. between Van Sinderen and Snediker Aves.

N. Y., Rochester — Oct. 1, by Comrs. North St. Paul Boulevard Sewer Dist., 213 Powers Bldg., sewage treatment plant and appurtenances. Hevenor & Weller, Inc., 5 St. Paul St., engrs.

N. J. Totowa (mail Paterson)—Oct. 5, by Bd. Institutions & Agencies, Trenton, W. J. Ellis, comr., 4- to 12-in. sewers and storm water drains, at New Jersey Training School for Feeble Minded, here. $25,000. C. N. Leathem, State Building, Trenton, engr.

O., Columbus—See "Streets and Roads."

O., Cincinnati—See "Streets and Roads."

O., East Liverpool—Oct. 9, by Bd. Control, storm sewers in Edgewood, Hazel Sts., etc. $25,000. J. A. George, East Liverpool, engr.

Wis., Hartford—Oct. 5, by W. Radtke, city clk., 1,030 ft. 8- to 12-in. sewers in South and North Main Sts.; also sewage pumping station, incl. 2 pumps with motors and starters, etc. J. Donohue Eng. Co., 608 North 8th St., Sheboygan, engrs.

Wis., Stevens Point — Oct. 4, by A. Wallace, city clk., pre cast rein.-con. or vitr. segmental block storm sewers in various streets. $100,000.

Mo., Cameron—Oct. 15, by M. Wiley, city clk., extending sewage disposal works incl. 3,024 ft. 4 in. vitr. pipe, etc. $25,000. Black & Veatch, Mutual Bldg., Kansas City, engrs.

New Zealand, Christchurch—Oct. 19, by Secretary Christchurch Drainage Bd., 3 sets electric centrifugal pumps.

Bids Received

N. Y., Brooklyn—J. J. Byrne, comr. Pub. Wks., Boro Hall, storm water outlet in West 10th and West 12th Sts., etc., from Carrozza Constr. Co., 21 East 40th St., New York City, $1,599,090. Noted Sept. 16.

Md., Baltimore—Bd. Awards, Sept. 22, storm drains and sanitary sewers in Sewer Dist. J-4, Storm Water Contr. 92, from F. Angelozzi, 238 Albemarle St., $220,956. Noted Sept. 16.

O., Akron—W. F. Peters, dir. Pub. Serv., Sept. 16 **(e.e. means engrs. est.)**, sanitary sewers and house laterals, etc., in Kipling and Crosier Sts., from F. George, 1657 Mahoning Ave., Youngstown, $12,087 and $17,987 respectively, e.e. $16,000 and $26,500 respectively; in Corice St. and Britain Rd., et al., from E. and W. McShaffrey, 574 Rhodes Ave., $10,769 and $37,590 respectively, e.e. $14,800 and $46,400 respectively; in McKinley Ave., from S. Erslow & Co., 370 Bowery St., $12,636, e.e. $17,000; in Winton Ave., from Lombardi & Bowles, 163 Annadale Ave., $4,051, e.e. $5,000; in Belleflower Ave., et al., from DeFoti Constr. Co., 72 Furnace St., $3,935, e.e. $4,600. Noted Sept. 9.

O., Akron—W. F. Peters, dir. Pub. Serv., Sept. 23, 4,230 ft. 8- to 30-in. sewers in East Exchange St., from L. Crano, 605 Peoples Savings & Trust Bldg., segmental block $31,218, and brick $32,128; 2,200 ft. 30- to 39-in. vitr. clay sewer in Merriman Rd. Outlet, from Shullo & De Luca Constr. Co., 140 North Summit St. $22,587, and 1,840 ft. 24- to 54-in. in South High and Bartges Sts., from McCourt Constr. Co., 369 South Main St., $30,467. Noted Sept. 16.

O., Cleveland—Bd. Comrs. Cuyahoga Co., Sept. 5, 8,500 ft. 8- to 48-in. sewers Hollywood Dr. and Ridge Rd., Impvt. 79 S. and W., from Abood & Lewis Constr. Co., 626 Huron Rd., segmental block $52,591, brick $52,731, and concrete $50,706. Noted Sept. 9.

O., Maple Heights (Bedford P. O.)—Sewers in East 141st St., from Hadded-Mall Co., Schofield Bldg., Cleveland, $50,995.

O., Maple Heights (Bedford P. O.)—For **(a)** sewers **(b)** watermains in **(1)** Maple Heights Blvd. **(2)** South Blvd., from Curro & Whittaker, Engineers Bldg., Cleveland, **(a1)** $26,687 **(b1)** $4,492 **(a2)** $12,854 **(b2)** $6,965.

Wis., Milwaukee — W. J. Barbeau, clk. Lake Twp., Milwaukee Co., Sept. 17, 25,575 ft. 8- to 18-in. vitr. or concrete sewers in various streets, from J. M. Lancaster, Menomonee Falls at $1.43 to $2.63 per ft.

Neb., Omaha—H. Beal, city engr., Sept. 17, constructing Storm Sewer 903, Bridge St. between 29th and Missouri River, from J. J. Hanighen Co., 617 South 14th St., Plan 1 $112,539 and Plan 2 $86,369. Noted Sept. 9.

Wash., Seattle—Bd. Pub. Wks., Sept. 10, 30,844 ft. 8- to 42-in. sewers in 8th Ave. S., from Badolato & Co., P. O. Box 561, monolithic pipe $121,567; and from McHugh & Coluccio, 517 3rd St. N., pre-cast pipe $117,451.

Contracts Awarded

Mass., Boston—Sewerage works in Dorchester and Hyde Park Dists., to G. J. Regan, 92 Stoughton St., Dorchester. Engrs. est. $25,000.

R. I., Providence—Sewerage works in Colonial and Pomona Rds., Nelson, Granite and Stone Sts., to W. A. Gammino, 331 Bway. Engrs. est. $25,000. Noted Sept. 2.

N. Y., Brooklyn—J. J. Byrne, comm. Pub. Wks., Boro Hall, sewers in East 4th St., to A. Paino, 32 Court St., $108,655. Noted Sept. 23.

N. Y., Brooklyn—J. J. Byrne, comr. Pub. Wks., Boro Hall, to J. Jennings, 367 Fulton St., sewer in West 9th St. $6,678, Shore Rd. $2,571, Greenpoint Ave. $3,309, and 78th St. $2,453; to Picone Contg. Co., 606 Rugby Rd., Livonia Ave. $2,077; to Bateman & Ficken, in 63rd St. $26,083; to S. Guerriero, in 73rd St. $6,243, and to R. Iovino, in Pitkin Ave., $1,451. Grand total $50,863. Noted Sept. 9.

N. Y., Kenmore (mail Buffalo)—Pump house and tile sewers in various streets, Sewer Dist. 4, to J. D. Pasquale & W. L. Lase, Kenmore, $60,000.

N. Y., New York—H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Ave., storm water drain in Dyre Ave., to Commerce Avenue Co., Inc., 1910 Webster Ave., $5,130; sewer in Laconia Ave., to Fiorello & Koch, Inc., 1895 Belmont Ave. $30,633, and in Hone Ave., to F. Pestone, 2410 Bathgate Ave. $3,588. Grand total $39,351. Noted Sept. 23.

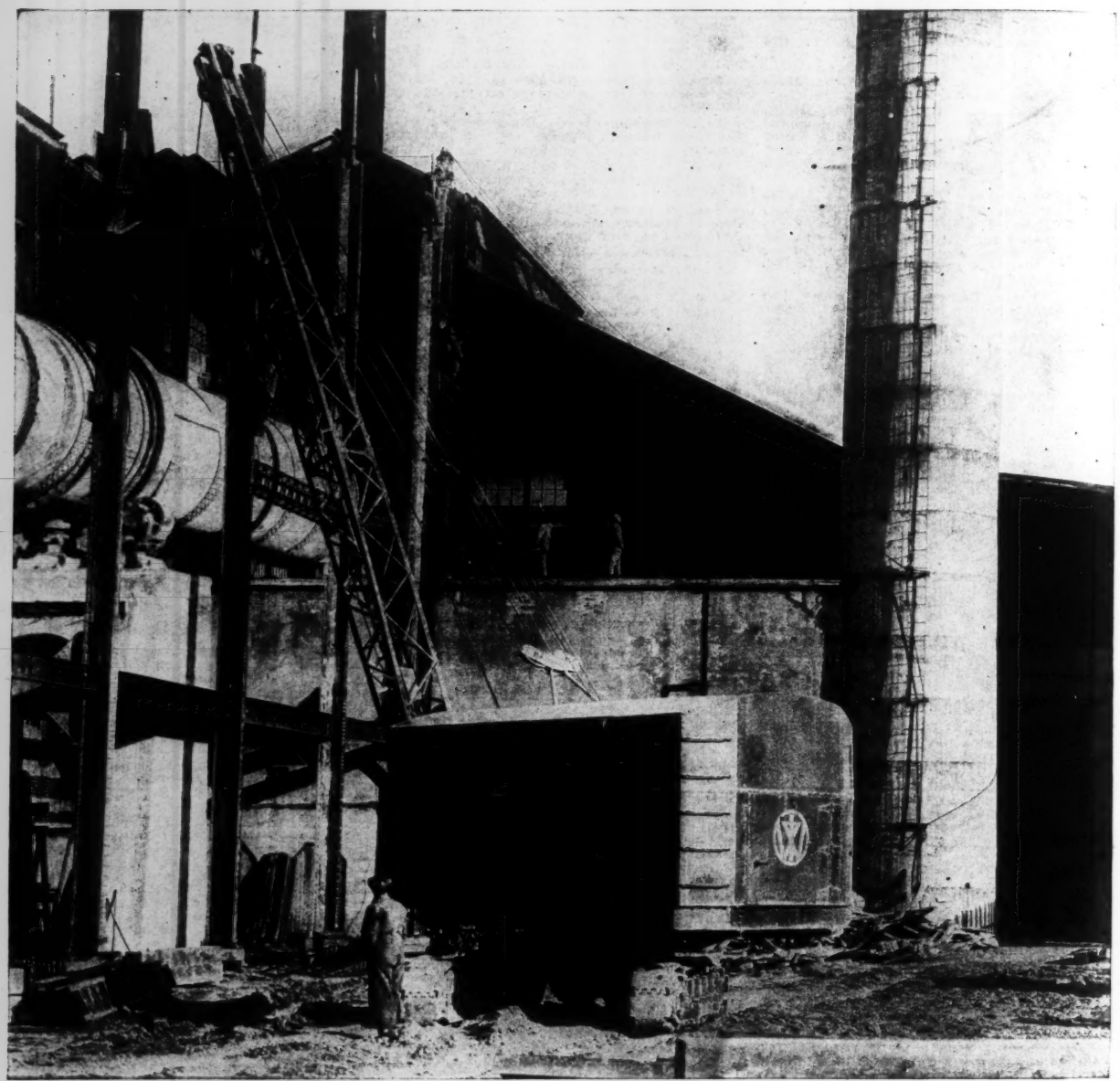
N. Y., Patchogue—Village, E. R. Bellman, pres., sewage disposal plant, Hammond St., to Ranson & Anderson, 136 Liberty St., New York City, $17,635. Noted Sept. 23.

N. J., Tenafly—Tenafly Boro, Boro Hall, S. G. Farnham, mayor, main sewers in various streets, to L. Jacques Constr. Co., Elizabeth, $162,000; and lateral sewers, to Pizzimenti Bros., Ridgewood, $268,000. Noted Sept. 23.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, main sewer in Rising Sun Ave., to J. J. McHugh, 1617 Race St., $13,662; sewage disposal project, Tacony Creek Intercepting Sewer, to A. Jaffolla & L. Mark, 139 South 50th St., $24,830; also abolishing grade crossing at Ridge Ave., Contr. 101, to Seeds & Durham, 6320 Wissahickon St., $328,730. Grand total $367,222. Noted Sept. 9.

La., Bunkie—For 64,000 ft. 8- to 18-in. vitr. clay sewer to Texarkana Pipe Wks., Texarkana, Ark.; 13,000 ft. 10 in. pressure outfall sewer pipe, to U. S. Cast Iron Pipe & Fdry. Co., c/o Dixie Miller Supply Co., 901 Tchoupitoulas St., New Orleans; pumps to Fairbanks-Morse & Co., 1000 St. Charles St., New Orleans; and general construction, to Liberty Constr. Co., 1026 Detroit Savings Bank Bldg., Detroit, Mich. Engrs. est. $160,000. Noted Sept. 2.

Constr. News page 213



WHEN AGE CREEPS IN—

THERE comes a time in the life of every machine when some part must be removed for repair or replacement, and when that time comes you will want to be able to get at that certain part easily. Then it is that real accessibility is appreciated.

The design of the INDUSTRIAL crawler machine is such that parts may easily be removed without taking out several gears and shafts before the desired part is reached. You can replace or repair parts without disturbing the rest of the machinery. That is real accessibility—another excelling feature of the INDUSTRIAL crawling tractor crane, shovel and dragline.

We want to tell you more about these wonderful machines. Write for the whole story.

INDUSTRIAL WORKS - - - - BAY CITY, MICHIGAN

sewers (Continued)

Ky., Ft. Thomas—Contr. 1, of Ft. Thomas Sewer System, incl. 17,221 ft. 4- to 18-in. vitr. clay pipe, etc., to G. K. Kolbarger, Marietta, O., $66,831. Engrs. est. $77,000. Noted Sept. 16.

O., Akron — For 2,600 ft. 15 in. sewer known as Babb Run Sewer, to T. E. McShaffrey Co., 173 South Forge St., $27,000.

O., East Cleveland (br. Cleveland)—Sewers in Strathmore and Coit Aves., to C. W. Jackson, 1318 East 84th St., Cleveland, $70,435.

O., Silver Lake (mail Cuyahoga Falls)—For 10,580 ft. 8- to 24-in. sewers in various streets, to T. E. McShaffrey Co., 173 South Forge St., Akron, $36,000.

Ill., Jacksonville — Bd. Local Impvts., 36,113 ft. 10- to 72-in. vitr. clay, segmental block tile and rein.-con. sewers, etc. in Second Ward Sewer Dist., to A. A. Dobson Co., 824 1st Natl. Bldg., Lincoln, Neb. $154,-524. Noted Aug. 26.

Minn., Pipestone—S. W. Funk, city clk., sewage disposal plant and outlet sewer, here, to T. Jensen, Tracy, $57,778. Engrs. est. $45,000. Noted Sept. 9.

Mo., Moberly — Sewage disposal plant, incl. grit chamber, clarification tank, sludge digestion bed, pumping equipment, etc., to Lynch-McDonald Constr. Co., Moberly, $33,-300. Noted Sept. 2.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, Rocky Branch Relief Sewer Dist. 2, 16,060 ft. 6 in. to 11 ft. horseshoe shaped tile, vitr. clay and brick in concrete pipe, to T. F. Hogan, Coronado Hotel, $287,308. Engrs. est $340,000. Noted Aug. 26.

Wash., Seattle—Bd. Pub. Wks., sewers in Beach Dr. et al., to T. Scalzo, 1708 22nd St. S., $34,597. Engrs. est. $35,090.

Calif., Los Angeles—Los Angeles Co., 90,965 ft. 6- to 12-in. sewers in Mountain View Ave., Bway., Hill, Flowry and Olive Sts., et al., to J. Chutuk, 343 Wilcox Bldg., $97,605.

Calif., Los Angeles—Sewer in Harper Ave. between Los Angeles city limits in Willoughby Ave. and Beverly Blvd., to L. Massa, P. O. Box 453, Bell, $38,065. Noted Sept. 9.

Waste Disposal

Proposed Work

N. Y., Albany—Common Council appropriated $300,000, garbage and refuse disposal plant. Noted Aug. 5.

Bridges

Proposed Work

N. J., Trenton—Pennsylvania R.R. Co., Broad St. Sta., Phila., Pa., plans rebuilding bridge over tracks at Greenwood Ave., here. A. C. Shand, c/o owner, ch. engr.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, takes bids about Oct. 25, rein.-con. bridge across French Broad River, Cocke Co., $75,000; and bridge over Hatchie River, Hardeman Co., to exceed $25,000. C. N. Bass, highway engr.

Tennessee—See "Streets and Roads."

Tenn., Old Hickory — Davidson Co. making preliminary surveys bridge over Cumberland River, here. $1,000,000. Freeland, Roberts & Co., Independent Bldg., Nashville, engrs.

Ky., Louisville—State Hy. Dept., Frankfort, making plans steel bridge across Ohio River, here. R. Modjeski, 121 East 38th St., New York City, engr. Noted June 28.

Ind., Terra Haute — Pennsylvania R.R., Broad St. Sta., Phila., Pa., A. C. Shand, ch. engr., making preliminary plans new double track bridge over Wabash River, here. $750,000.

Wis., Two Rivers—Making plans 94 ft. clear span steel bascule type bridge, incl. 3 car lines and 2 walks, at Washington St. $150,000. Strauss Bascule Bridge Co., 307 North Michigan Ave., Chicago, Ill., engrs. Noted July 22.

Mo., Kansas City—City election Nov. 2, $1,350,000 bonds and Clay Co., $150,000 bonds, bridge over Missouri River.

Tex., Cameron—See "Streets and Roads."

Tex., Cold Springs — See "Streets and Roads."

Tex., San Antonio — See "Streets and Roads."

Okla., Elmore—State Hy. Dept., Oklahoma City, made plans 2 span 160 ft. steel truss bridge on concrete piers, 177 tons truss steel, 2,600 ft. wooden piling, etc., Garvin Co., here. $51,000. J. M. Page, highway engr.

Wash., Hoquiam — City and State Hy. Comn., Olympia, making plans 2,050 ft. bridge with 245 ft. double leaf bascule channel span and approaches, etc. over Hoquiam River, on State Rd. 9, Grays Harbor Co. $350,000. City appropriates $250,000 and Hy. Dept. balance towards cost. J. W. Hoover, Olympia, highway engr. Noted Jan. 28.

Wash., Kettle Falls — State Hy. Dept., Olympia, making plans approximately 1,400 ft. steel or cantilever truss span bridge over Columbia River, on State Rd. 3, near here, between Ferry and Stevens Counties. J. W. Hoover, Olympia, highway engr.

Bids Desired

Mass., Sandwich—Oct. 5, by Dept. Pub. Wks., Boston, concrete beam bridge with approaches, here. $25,000. W. F. Williams, comr.

N. J., Elizabeth—Oct. 4, by Bd. Freeholders Union Co., Court House, rein.-con. bridges on Grand St., Faitoute Lawrence and Mountain Aves.; and steel beam bridge over Rahway River, at Florence Mills Pond. J. L. Bauer, Court House, co. engr.

Pa., Phila. — Oct. 8, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., superstructure for bridges, Contr. 49-1926. A. C. Shand, Broad St. Sta., ch. engr. railroad.

North Carolina—Oct. 19, by State Hy. Dept., Raleigh, rein.-con. bridges, etc. on Project 194, Tyrrell Co. $65,500, on Project 109, Bertie Co. $42,700, on Project 9000, Buncombe Co. $80,600, on Project 683 Stanly and Montgomery Counties $328,500, on Project 678, Scotland Co. $32,000, on Project 584, Randolph Co. $32,800, and on Project 4000, Chatham Co. $82,000. L. R. Ames, Raleigh, engr.

Miss., Ackerman — See "Streets and Roads."

Miss., Grenada—Oct. 5, by Bd. Supervs. Grenada Co., bridges over 20 ft. span on Federal Aid Project 147-B, 8,442 ft. untreated and 252,838 ft. treated timber, 10,632 ft. creosoted piling, etc. H. C. Dietzer, Jackson, engr.

Miss., Kosciusko — See "Streets and Roads."

O., Cincinnati—See "Streets and Roads."

O., Hamilton—Oct. 19, by Bd. Comrs. Butler Co., two I-beam steel bridges, one in Lemon and other in Liberty Twps., also paving Maud Hughs Rd. $24,800. E. O. Roll, clk.

Indiana—Oct. 12, by J. D. Williams, dir. State Hy. Comn., Indianapolis, bridges in Johnson, Knox and Wayne Counties.

Illinois—See "Streets and Roads"

Iowa—Oct. 15, by Clinton Co. (Clinton) and Scott Co. (Davenport), two 120 ft. and eight 32 ft. span steel bridge. $50,000. A. O. Kurth, Davenport, aud. Scott Co.

Kan., Troy—Oct. 8, by Clerk Doniphan Co., six 30 ft., one 35 ft. and two 40 ft. span deck girder bridges on Federal Aid Project 349-D, also grading 0.189 mi. same road. H. L. Parker, Troy, co. engr.

Tex., Groesbeck—Oct. 11, by H. Boyette, engr., Pittman Bldg., Mexia, 3 steel and timber bridges on rein.-con. foundations, one at Comanche, one at Reunion Ground and other at Long Bridge Crossing over Navasota River, for Limestone Co., c/o H. F. Kirby, judge. $90,000. Noted Sept. 2.

Bids Received

N. Y., Bronxville—Westchester Co. Park Comn., 72 Pondfield Rd., Sept. 22, 4 stone faced rein.-con. bridges, on Hutchinson River Parkway, Mt. Vernon, New Rochelle, North Pelham and East Chester, from Garafano Constr. Co., 721 College Ave., Mt. Vernon, $113,614. Noted Sept. 16.

N. Y., New York—A. Goldman, comr. Plants & Structures, Municipal Bldg., reconstructing High Bridge over Harlem River, between Manhattan and Bronx Boros, from P. T. Cox Contg. Co., 154 Nassau St., $1,190,300; from J. T. Brady Co., 103 Park Ave., $1,288,340; from Willetts Constr. Co., Inc., 280 Madison Ave., $1,319,250; from Frederick Snare Corp., 114 Liberty St., $1,333,950; from Bridgeport Dredge & Dock Co., 1024 Main St., Bridgeport, Conn., $1,379,205; from A. McMullen Co., 50 Church St., $1,402,250; from Triest Contg. Corp., 247 Park Ave., $1,427,450; and from D. C. Serber, Inc., Grand Central Terminal, $1,451,500. Noted Sept. 23.

Maryland — State Roads Comn., Baltimore, Sept. 21, additions to bridge over Susquehanna River, at Havre de Grace, Contr. H-50, Harford Co., from Neeld Constr. Co., Oliver Bldg., Pittsburgh, Pa., $237,730. Noted Sept. 9.

Ohio—Dept. Hys. & Pub. Wks., Columbus, Sept. 17, concrete bridge over Two-Mile Creek, Sect. "B" Hamilton-Richmond Rd., Butler Co., from V. F. Hughes, Hamilton, $6,989, bridges, etc. on 0.826 mi. Sect. "N" Jackson-Pomeroy Rd., Vinton Co., from Koffroth & Owens, Richmond, $10,980. Noted Sept. 2.

O., Cleveland — Cuyahoga Co. replacing and adding new steel work to Kinsamn Rd. Viaduct, to Van Dorn Iron Wks. Co., East 79th St. and Woodland Ave., $25,520.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, Bridge on Route 3, Sect. 16-B, Whiteside Co., to Chernus Co., Sioux City, Ia., $3,451; 7 span 200 ft. substructure, incl. 2 rein.-con. abutments and 7 concrete piers on Route 2, Sect. 70-B, La Salle Co., and 2 concrete abutments, 8 concrete piers and 2 timber fender piers on Route 36, Sect. 20-B, Pike Co., to Sterrenreuter Bros., 3020 South Halsted St., Chicago, $122,856 and $173,146 respectively; concrete bridge on Route 20, Sect. 14-B, Henry Co., to Widell Co., Mankato, Minn., $84,759; superstructure for 7 span 200 ft. steel bridge and one span 260 ft. steel bridge on Route 2, Sect. 70-C, La Salle Co., to Illinois Steel Bridge Co., Jacksonville, $204,775; and eight 215 ft. fixed steel spans and one movable span on Route 36, Sect. 20-C, Pike Co., to Illinois Steel Bridge Co., Jacksonville, for Strauss Design, $322,189, Strobel Design $321,263 or for Harrington, Howard & Ash Design, $305,859, concrete retaining wall and 1 concrete culvert on Route 22, Sect. 19-Q, Lake Co., to W. E. Ule, McHenry, $18,834. Noted Sept. 9.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., to Milwaukee Sewer & Drainage Co., 928 Humboldt Ave., concrete sewers in Atkinson Ave. $2,145, Auer Ave. $764, Cleveland Ave. $936, Rusk Ave. $635, Becker St. $758, 40th St. $2,149, 41st St. $1,824, 42nd St. $1,946, 24th St. $1,147, and Wilcox St. $988; to G. E. Zimmermann, 3402 Grand Ave., Pease St. $9,125, to Wenzel & Henoch Constr. Co., 498 27th St., 32nd Ave. $58,038; and to H. Hehoenesee, Ludington Ave., Wauwatosa, 6 in. monolithic concrete outlet structure and drop shaft in Trowbridge Ave., $212,986. Grand total $296,843. Noted Sept. 16.

Minn., Minneapolis—Northern Pacific R.R. Co., H. E. Stevens, ch. engr., Ry. Bldg., St. Paul, replacing steel bridge over Mississippi River between 24th Ave. N. and 18th Ave. N. E., foundation, to Widell & Co., Mankato; structural steel, to Amer. Bridge Co., 629 2nd St. S. E.; erecting and removing false work to be done by day labor. Engrs. total est. $325,000. Noted July 15.

Kan., Fredonia—Wilson Co., Bridges 1, 2 and 3, also 0.511 mi. earth approaches on Federal Aid Project 353-A, to M. E. Gilliozz, Monett, Mo., $82,980. Noted Sept. 16.

Kan., Norton—See "Streets and Roads."

Ark., Osceola—Bd. Comrs. Sub-Dist. 3 of Grassy Lake and Tyronza D. D. 9, Mississippi Co., 52,220 cu.yd. excav. and 21.4 mi. clean out work, to F. Vollmer & Son, Osceola, $32,784. Noted Sept. 2.

Ore., Portland—See "Streets and Roads."

Calif., Oakland—Alameda Co., rein.-con. bridge over Alameda Creek, to Municipal Constr. Co., 4323 East 14th St., $51,425. Noted Sept. 23.

Calif., San Jose—Concrete and steel bridge over Los Gatos Creek, to Proctor & Cleghorn, Rosenberg Bldg., Santa Rosa, $19,907. Noted Sept. 9.

Tex., Austin—See "Streets and Roads."

Contracts Awarded

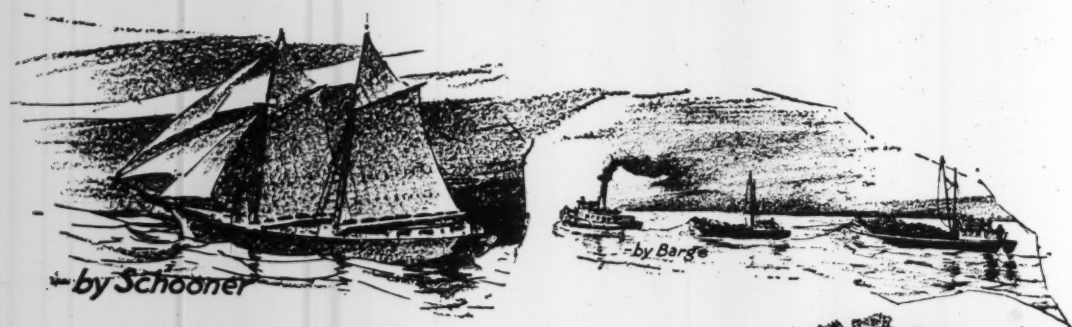
Vermont — State Hy. Dept., Montpelier, one 3 span 525 ft. concrete bridge in Royalton, to J. W. Hollis, Inc., Fort Edwards, N. Y. Engrs. est. $25,000 or more. Noted Sept. 16.

Conn., Bristol — For 2 span, 68 ft. concrete bridge, Pequabuck River, on Downs St., to F. C. Helming, 60 Pleasant St. Noted Sept. 2.

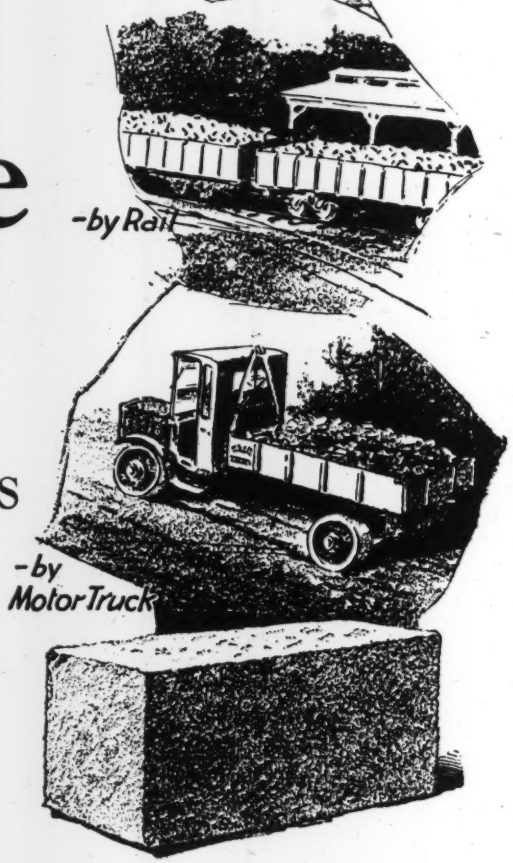
Connecticut—State Hy. Dept., Hartford, 3 span, 105 ft. rein.-con. girder bridge over Shepaug River, on Route 125, in Roxbury, to Immick Co., State St., Meriden, $35,941; rein.-con. T-beam slab abutments and wing walls, Saco Brook, on Boston Post Rd., in Fairfield and Westport, to Gray Eng. & Constr. Corp., Greenwich, $21,696; 9 rein.-con. encased steel and girder bridges "Bulls Head Rd." in Plymouth, to F. F. McCarthy, Newtown, Mass., $64,824. Grand total $122,461. Noted Sept .23.

Conn., Thomaston — State Hy. Dept., Hartford, and New York New Haven & Hartford R.R. Co., E. Gagel, ch. engr., New

Constr. News page 214



You're certain of dependable deliveries of IMPROVED GRANITE BLOCKS



No matter how you want your granite blocks shipped—by schooner, scow, tram or motor truck—to dock or railroad siding, or dumped directly by the roadway—you get delivery, *on time*, when you use Improved Granite Block for pavements. Back of this delivery service are the facilities of a far-flung organization, representing the world's greatest granite quarries.

In the interests of your community, write for booklet entitled: "Granite Street Construction."

The heavy traffic Standard Improved Smooth Granite Block. Depth 4¾ in. to 5¼ in. Width 3½ in. to 4½ in. Length 8 in. to 12 in.

The Granite Paving Block Mfgrs. Assoc. of the U. S. Inc.
31 State Street, BOSTON, MASS.
Representing The World's Greatest Granite Quarries

GRANITE · LIVES · FOREVER

Bridges (Continued)

Haven, Reynolds Bridge, 3 span 372 ft., rein.-con. arch, to C. A. Haggerty & Sons, Webster, Mass., $138,764. Noted Aug. 12 under "Connecticut."

N. Y., Buffalo—See "Streets and Roads."

N. Y., St. George—J. A. Lynch, pres. Richmond Boro, Boro Hall, replacing bridge over Chelsea Creek, on Meredith Ave., to J. I. Kelly, 1150 Forest Ave., Port Richmond, $13,845. Noted Sept. 9.

Pa., Pittsburgh—Allegheny Co., reconstructing superstructure, etc. Bridge 5 over Shades Run, Penn Twp., to Farris Eng. Co., Empire Bldg. $47,386. Engrs. est. $50,000.

North Carolina — State Hy. Dept., Raleigh, rein.-con. bridges, etc. on Project 158, Nash Co. and Project 303, Bladen Co., to J. S. Bowers, Whiteville, $26,717 and $29,619 respectively; on Project 315, Onslow Co., to Atlantic Bridge Co., Greensboro, $48,957. Grand total $105,293. Noted Sept. 16.

Dams

Proposed Work

O., Chagrin Falls—See "Unclassified."

B. C., Bonnington Falls—West Kootenay Power & Light Co., L. Campbell, mgr., plans dam, developing 60,000 hp., 1 mile down Kootenay River from Lower Bonnington. $3,000,000.

Contracts Awarded

Mass., Chicopee—City, Water Dept., concrete impounding dam and reservoir, Cooley Brook, to Sanders Eng., Co., 102 Exchange St., Portland, Me. $179,478. Noted Sept. 2.

Railways

Proposed Work

New York—New York Central R.R. Co., Grand Central Terminal, New York City, plans enlarging Union Station, here, constructing upper level from station to riverfront, 4 track approach to Maiden Lane Bridge, relocating baggage rooms, etc., and installing new passageways. $3,000,000. G. W. Kittredge, Grand Central Terminal New York City, ch. engr.

Manitoba and British Columbia — Canadian Pacific Ry., J. M. R. Fairbairn, ch. engr., Montreal, Que., plans railroad from Pine Ridge, Man. to Red Lake, B. C.

Alberta — Canadian Natl. R.R., C. S. Gzowski, ch. engr., and Canadian Pacific R.R., J. M. R. Fairbairn, ch. engr., Montreal, Que., soon take bids constructing line from Drumheller to Bullpond Creek, here.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Minn., Crookston—Polk Co., H. J. Welte, aud., making plans approximately 900,000 cu.yd. excav. for Judicial Ditch 75. $90,000. S. Steenerson, Crookston, engr.

Minn., Roseau—Roseau Co. plans drainage ditch in Spruce Twp. $15,000. S. G. Bertilrud, Roseau, aud.

Arkansas—Bayou Meto P. D. 2, Pulaski and Lonoke Counties, made plans and soon takes bids drag line and floater ditches, incl. 3,754,100 cu.yd. excav., 648 acres clearing and grubbing, etc. A. M. Lund, 527 Home Insurance Bldg., Little Rock, engr.

Mo., Maplewood (br. St. Louis)—See "Sewers."

Tex., Cotulla—La Salle Co. Water Impvt. W. A. Kerr, secy., postponed taking bids irrigating 90,000 acres land, etc. Dist. 1, until $7,331,000 bonds validated by legislature now in session. Nagle-Witt-Rollins & Gilchrist, 405 Post-Dispatch Bldg., Houston, engrs. Noted Sept. 2.

Calif., Los Angeles—Los Angeles City Harbor Dept. made plans dredging 215,000 cu.yd. in Yatch Anchorage in East Basin, Spec. 731. Eng. Dept. City Harbor Comn., Berth 90, engr.

Calif., Niland—Niland Water Dist. making plans 100 mi. head and waste ditch and appurtenant structures. T. H. King, 920 8th St., San Diego, engr.

Bids Desired

N. Y., New Rochelle—Oct. 5, by Westchester Co. Park Comn., 72 Pondfield Rd., Bronxville, constructing beach wall, steps and shelter foundations, at Glen Islands Park, here. J. Downer, Bronxville, ch. engr.; adv. E. N.-R. Sept. 30.

Iowa—Oct. 7, by Bd. Supervs. Humboldt Co. (Dakotah) and Kossuth Co. (Algona), at Algona, constructing Humboldt-Kossuth Joint D. D. 8, 21,300 ft. open ditch with 6 ft. base, 9.9 ft. average depth, etc., 162,839 cu.yd. excav., also 24,417 ft. 6- to 22-in. tile, 32 intakes, etc. J. C. McFarland, aud. former and B. E. Johnson, aud. latter counties.

Minn., Minneapolis—Oct. 4, by P. D. McMillan, 200 Chamber Commerce Bldg., 15,200 ft. 5- to 8-in. tile laterals point 1 mi. south of Hollandale. S. A. Norling, Excelsior, engr.

Ark., Bridge Junction—Oct. 4, by Bd. Dirs. St. Francis Levee Dist., 70,000 cu.yd. sub-levee. H. N. Pharr, Bridge Junction, ch. engr.

Calif., Los Angeles—Bd. Harbor Comrs. taking bids dredging 67,000 cu.yd. in Berths 228 D and E; 32,000 maintenance dredging shoals, 25,000 cu.yd. original and main dredgings in Berths 99 and 102; and 32,000 cu.yd. main dredging in Berths 104 and 105, all in Slip 228 of West Basin.

Calif., Merced—Oct. 11, by H. P. Sargent, secy. Merced Irrigation Dist., Merced Co., 82,000 cu.yd. grading and excav. for canals.

Calif., Oxnard—H. C. Downes, secy. Oxnard D. D. 2, Pacific Southwest Bldg., taking bids 6½ mi. drainage ditch, 6- to 15-ft. wide on bottom, and 7- to 9-ft. deep. Noted July 22.

Bids Received

N. J., Belmar—Mayor and Boro Council, jetty over Belmar Beach, incl. 4,300 tons rock piling, etc., from Wooley & Howland, 99 Atlantic Ave., Long Beach, $46,505. Noted Aug. 26.

Contracts Awarded

N. J., Dover—Morris Canal & Banking Co., Arrow Bldg., Blackwell and Sussex Sts., reconstructing and dismantling work on Sect. 21-51, Morris Canal, in Franklin Twp., Warren Co., to Hyde-McFarland Constr. Co., Kings Rd., Madison, $99,061. Noted Aug. 26.

Calif., Woodland — Reclamation Dist. 2068, pile and timber structures, etc., to Coast Constr. Co., Crocker Bldg., San Francisco, $32,744. Noted Sept. 23.

Streets and Roads

Proposed Work

N. Y., Buffalo—Plans widening 13 mi. Clinton St. from Lafayette Sq. to Gardenville, 150 ft. $200,000. G. C. Diehl, Ellicott Sq. Bldg., engr.

Mississippi—State Hy. Dept., Jackson, soon takes bids grading and graveling 9 mi. Clinton-Bolton Rd., Hinds Co., $80,000; and 10 mi. Durant-Starkville Rd., Attila Co. $90,000. H. C. Dietzer, Jackson, engr.

Miss., Ripley—Tippah Co. soon takes bids grading 7.813 mi. Ripley-Benton Co. line Rd., and 5.435 mi. Chalybeate-Walnut Rd. on Alcorn Co. line. A. M. Young, chancery clk.

Miss., Port Gibson — Claiborne Co. soon takes bids grading, graveling, etc. 18 mi. Paro Gibson-Rodney Rd., Dist. 1, 18 ft. $75,000 bonds voted.

La., Marksville—Avoyelles Parish election Oct. 4, $40,000 bonds, improving roads in Dist. 4.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, takes bids about Oct. 15, grading, bridging, etc. 8.4 mi. Cookeville-Carthage Rd., Putnam Co. To exceed $25,000. C. N. Bass, highway engr.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, making surveys improving 15 mi. Dover-Big Sandy Rd., Stewart Co. C. N. Bass, highway comr.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, takes bids about Oct. 25, grading, etc. 7.5 mi. Kilsyth-Chaska Rd., Federal Aid Project 9; and 12 mi. Morley-Kentucky State Line Rd., both Campbell Co. C. N. Bass, highway engr.

Tenn., Covington — Making plans and soon takes bids concrete or rock asphalt surfacing portions Church St., Hill and Washington Aves., etc. M. A. Walker, mayor.

Ohio—G. F. Schlesinger, dir. Hys. & Pub. Wks., Columbus, received no bids Sept. 17, bituminous concrete and concrete paving 0.578 mi. Sect. "Plymouth" Ganges-Plymouth Rd., Richland Co. Noted Sept. 2.

O., Akron—Summit Co. election Nov. 2, $500,000 bonds grading, walks, paving and resurfacing various streets and $500,000 bonds, widening and opening dead end streets.

O., Cleveland—Bd. Comrs. Cuyahoga Co. election Nov. 2, $8,181,000 bonds, paving various roads. F. Lander, Court House, engr.

O., Cuyahoga Falls—Summit Co. (Akron) election Nov. 2, $197,750 bonds paving, sewers, etc. in various streets.

O., East Cleveland (br. Cleveland)—Election Nov. 2, $208,000 bonds, widening and paving Taylor and Lee Rds., improving Forest Hill Parkway and paving Thornhill Dr. M. Garnett, City Hall, engr.

O., Rocky River—Election Nov. 2 $62,000 bonds, paving Columbia Rd., Northview Ave. and new street from Rocky River Bridge. E. H. Arnold, Town Hall, engr.

Mich., Wyandotte—Making plans concrete curbing, and one course 8 in. concrete paving 7,903 sq.yd. Emmons Blvd., Clark and 1st Sts. Hubbell, Hartgering & Roth, 2640 Buhl Bldg., Detroit, engrs.

Ill., Rushville—Soon takes bids grading, curbing and 7 in. rein.-con. paving 8,113 sq.yd. South Liberty Street Paving Dist. $32,000. Caldwell Eng. Co., 36 North Side Sq., Jacksonville, engrs.

Ia., Des Moines—Soon takes bids widening, paving and various types repaving Woodland Ave. and 8th St. $51,200. K. C. Kastberg, City Hall, engr.

Minn., St. Paul — Plans grading and graveling 15 mi. White Bear Ave. extension. $75,000. G. M. Shepard, city engr.

Kan., Newton—City and Harvey Co. takes bids about Oct. 20, 7 in. rein.-con. paving 1 mi. road, 30 ft. To exceed $25,000. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, Mo., engrs. Noted July 1.

Mo., Joplin—Soon takes bids warrenite bitulithic paving approximately 18,300 sq.yd. Main St.; brick on concrete paving 1,760 sq.yd. Joplin St.; and 6 in. concrete paving 12th St. A. P. Ashcraft, Jr., City Hall, engr.

Mo., Joplin—Made plans and soon takes bids 6 in. concrete paving, etc., approximately 18,500 sq.yd. various streets. S. P. Ashcraft, Joplin, engr.

Mo., St. Louis—B. Pub. Serv., 208 City Hall, plans rein.-con. paving, etc., Blendon Pl. between Manchester St. and city limits $10,500, and Oberbeck St. between Christian St. and north line Oberbecks Subdivision $9,100, also Eichelberger Ave. between Ulena and Morgan Ford Rd. $40,000; vitr. brick on concrete, asphalt or warrenite bitulithic paving, etc., Compton Ave. between Magnolia and Pestalozzi Sts. $17,300-$20,300; amiesite, warrenite bitulithic, asphalt, vitr. brick or rein.-con. paving, etc., DeTony St. between Vanderventer St. and Missouri Pacific R.R. tracks $8,650-$10,650, Kansas St. between Colorado and Grand Kingshighway $31,700-$32,150; amiesite or asphaltic concrete paving, etc., Rhodes St. between Macklind and January Sts. $12,500-$13,500; asphaltic concrete or rein.-con. paving, etc., Richard Pl. between Carter and Kenneth Pl. $10,750-$11,400; also removing wood block paving and concrete base where necessary, additional concrete base bedding course of limestone screenings and shallow granite block paving, etc., Washington Ave. between 4th and 12th Sts. $80,000, Washington Ave. between 12th and point 41 ft. west of 18th St. $68,000, and Washington Ave. between point 41 ft. west of 18th St. and Jefferson Ave. $75,000. W. W. Horner, 300 City Hall, engr.

Ark., Little Rock—Soon takes bids grading, curbing, and 1½ in. warrenite on 3½ in. asphalt paving 36,985 sy.yd. and 5 in. concrete paving 39,690 sq.yd. 12th, 14th, 18th, 20th, 24th, Midgett, Kanis, Lee, Milton, Leymar, Perry and Wilson Sts. $178,798. A. M. Lund, 527 Home Insurance Bldg., engr.

Texas — Dimmit Co. (Carrizo Springs) Zavalla Co. (Batesville) and Uvalde Co. (Uvalde) plan improving Highway 55. $563,000 allotment from State. J. G. Lott, Carrizo Springs, co. engr.

Tex., Beaumont—Election Oct. 16, $325,000 bonds, paving various streets. R. C. Black, city engr.

Tex., Brenham—Washington Co. made plans and soon takes bids concrete paving 18.21 mi. Highway 36, from Burleson Co. line to Austin Co. line, 18 ft. $515,000. G. A. Bracher, Brenham, co. engr.

Tex., Cameron—Milam Co. making plans grading, bridging and gravel surfacing, etc. 14 mi. Cameron-Elgin Rd., 16 ft. $118,000. A. F. Michell, Cameron, co. engr.

Tex., Cold Springs — San Jacinto Co. made plans and soon takes bids grading, bridging, etc., 8.454 mi. Highway 45, 26 ft., $40,600. J. R. Spiller, Cold Springs, co. engr.

Constr. News page 215

Streets and Roads (Continued)

Tex., Cuero—De Witt Co. making preliminary surveys creating road district and building 5 hard surfaced roads, totaling 50 mi. $340,000 bond election soon. W. H. Koether, Cuero, co. engr.

Tex., Galveston—Galveston Co. making plans and soon takes bids curbing and paving 11,060 sq.yd. Bway. $40,000. C. A. Holt, Jr., Galveston, city engr.

Tex., Hebbronville—Jim Hogg Co. making plans inverted penetration bituminous paving 10.2 mi. Highway 12-A, 16 ft. $40,000. E. J. Foster, Hebbronville, co. engr.

Tex., Houston—Making plans rein.-con. paving 3.778 mi. Highway 6 between South Houston and Webster, 18 ft. $110,000. Howe & Wise, 1st Natl. Bank Bldg., engrs.

Tex., Houston—Election Oct. 16, $250,000 bonds, permanent paving various streets, and $200,000 bonds, constructing roadway from here to McGregor Park. J. C. McVea, city engr.

Tex., Houston—Election Oct. 16, $1,500,-000 bonds, paving various roadways. O. F. Holcombe, mayor.

Tex., Mercedes—See "Unclassified."

Tex., San Antonio—Bexar Co. made plans and soon takes bids grading, bridging, gravel surfacing, etc. 9.152 mi. Highway 2, Castroville Rd., Federal Aid Project 459, 18 ft. $114,700. A. C. Pancoast, San Antonio, co. engr.

Tex., Weatherford—Parker Co. making plans 2½ in. bituminous macadam, 1½ in. rock asphalt, 1½ in. amiesite or 1½ bituminous concrete paving 16.59 mi. Highway 1, 18 ft. $410,000. J. W. Courter, Courthouse, Ft Worth, engr. Noted Aug. 12.

Oklahoma — State Hy. Dept., Oklahoma City, made plans temporary graveling, 610,-000 sq.yd. roads and highways in Logan, Canadian, Craig and Cleveland Counties. $175,000. J. M. Page, highway engr.

Okla., Stillwater—Payne Co. voted $1,-000,000 bonds, concrete paving 73 mi. Highways 1, 33 and 40. C. G. Jones, Stillwater, co. clk. Noted Aug. 5.

Arizona—W. C. Lefebvre, state highway engr., and State Hy. Dept., Phoenix, rejected bids Aug. 30, improving Federal Aid Project 89-A.

Calif., Beverly Hills—Made plans grading, curbing, guttering, sidewalks, and 2 in. on 4 in. Warrenite surfacing 174,315 sq.ft. Gale and Tower Drs., etc.; also 2 in. warrenite on 4 in. asphaltic concrete paving 100,485 sq.ft. Brighton Way, etc. J. C. Albers, city engr.

Calif., Los Angeles — Plans widening Temple St. between North Bway and Park View St. To exceed $100,000.

Calif., Oakland—Made plans grading, curbing, guttering, sidewalks, and oil macadam paving 40,242 sq.ft. Forest Hill Ave. W. W. Harmon, city engr.

Calif., San Fernando — Plans paving, curbing, sidewalks, etc. on Celis St., etc. To exceed $65,000. E. B. Curry, city engr.

Calif., San Luis Obispo—San Luis Obispo Co., made plans grading, concrete curbing and guttering, concrete sidewalks, and 5 in. concrete paving, etc. 176,000 sq.ft. streets in Monterey Heights. C. C. Kennedy, Call Bldg., San Francisco, engr.

Calif., Ventura—Ventura Co. takes bids about Oct. 19, concrete paving approximately 3 mi. Bardsdale end of Grimes Canyon Rd., 18 ft. To exceed $40,000. C. W. Petit, Ventura, co. surv.

Manitoba—Dept. Pub. Highways, Winnipeg, soon takes bids constructing gravel highway from Pine Falls to Long Lake. $500,000.

Ont., Kincardine—Making plans concrete paving and storm sewer in Queen St. $50,000. A. W. Connor, Metropolitan Bldg., Toronto, engr.

Greece—A. Garrels, consul genl., Athens, reports Government plans expending $1,-700,000 for maintenance, and $980,000 for construction roads.

Bids Desired

Mass., Boston — Oct. 4, by Dept. Pub. Wks., concrete paving Lorna Rd., Lucerne and Wyola Sts., in Dorchester. $25,000. J. H. Sullivan, comr.

Mass., Boston—Oct. 5, by Dept. Pub. Wks., granite block paving Warren St., Ward 12. $26,000. J. H. Sullivan, comr.

N. Y., Albany—Oct. 4, by Bd. Constr. & Supply, improving North Pearl St., Marion and Hanson Aves.; grading Mayor Hackett Park, etc. sewers in Southern Blvd. and Kenosha St.; and trunk sewer for diversion of Patroons Creek from Tivoli Lakes; altering drainage system on Northern Blvd.

N. Y., New York—Oct. 4 (extended date), by J. Miller, pres. Manhattan Boro, Municipal Bldg., asphalt block on concrete paving Amsterdam Ave., etc.; also repairing wood, granite, and oak key block paving when and where directed. Noted Sept. 23.

Constr. News page 216

N. Y., New York—Oct. 6, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., sidewalks on Hollywood Ave.; bituminous concrete paving East 173rd St.; granite block on concrete paving East 140th St.; grading, curbing, sidewalks and sheet asphalt on concrete paving Mosholu Parkway, Weeks, Holland and Liebec Aves., East 213th, Lebanon and East 173rd Sts.

N. Y., St. George—Oct. 6, by J. A. Lynch, pres. Richmond Boro, Boro Hall, concrete curbing, etc. Clinton and Vanderbilt Aves.; bituminous macadam paving St. Stephens Pl.; and bituminous concrete repaving Forest Ave.

N. J., Bloomfield—Oct. 4, at office J. C. Johnson, town clk., grading and sidewalks, etc., on 13,100 sq.ft. Union Pl. and Ketner Sts.; also grading, curbing and sheet asphalt paving 15,900 sq.yd. 15th, 16th and 17th Sts. F. B. Dwyer, Essex Bldg., town engr.

N. J., Lyndhurst (br. Rutherford)—Oct. 4, by Bd. Comrs. Lyndhurst Twp., Town Hall, grading and sidewalks on Lafayette Pl., Kingsland and 6th Aves.; grading, curbing and bituminous macadam paving 5th and 6th Aves.; also sewer extensions in 5th and 6th Aves. T. F. Bowe, Association Bldg., East Rutherford, twp. engr.

N. J., Roselle Park (mail Roselle)—Oct. 1, by Mayor and Boro Council, Boro Hall, grading, curbing and paving approximately 5,045 sq.yd. Grant Ave., also concrete sidewalks on 10,000 sq.ft. Colfax Ave. from Chestnut to Hazel Sts. J. W. Higgins, 505 Chestnut St., Roselle Park, and 70 East 45th St., New York City, boro engr.

Pennsylvania — Oct. 15, by State Hy. Dept., Harrisburg, rein.-con. or treated bituminous macadam paving 27 mi. roads in 16 projects in Cambria, Chester, Delaware, Elk, Fayette, Jefferson, Lehigh, Mifflin, Montgomery, Northampton, Potter, Schuylkill, Sommerset, Warren and York Counties. W. E. Connell, eng. executive and deputy secy. highways; adv. E. N.-R. Sept. 30.

Pa., Phila.—Oct. 5, by Dept. City Transit, H. E. Ehlers, dir., repaving 3,330 ft Broad St. Subway between Indiana and Venango Sts., 69 ft., Contr. 163.

Md., Baltimore—Oct. 6, by Bd. Awards, grading, curbing and sheet asphalt paving 12,000 sq.yd. streets listed in Contr. 366; concrete paving 22,750 sq.yd. Contr. 370. S. Purcell, City Hall, highways engr.

North Carolina—Oct. 19, by State Hy. Dept., Raleigh, grading and concrete or asphalt paving, etc. 2.216 mi. Project 6501, Mecklenburg Co. $84,000, 6.516 mi. Project 828 $164,300 and 6.539 mi. Project 829 $149,700, both Henderson Co., 13.45 mi. Project 872, Rutherford Co. $360,000, 15.541 mi. Project 233 $359,200 and 12.2 mi. Project 234 $285,400, both Johnston Co., 14.307 mi. Project 3940, Robeson Co. $373,600, and 17.811 mi. Project 3480, Cumberland Co. $187,500; clearing, grubbing, topsoiling, etc. 14.096 mi. Project 349, Cumberland Co., $75,700; clearing, grubbing, etc. 19.595 mi. Project 270, Sampson Co., $118,000. L. R. Ames, Raleigh, engr.

Ala., Birmingham — Oct. 30, by City Comn., concrete asphalt paving 16 blocks 2 alleys, 2 streets and 4 avenues, 20-60 ft. $69,975.

Miss., Ackerman — Oct. 14, by Bd. Supervs. Choctaw Co. in Chancery Clerk's office, grading, etc. 88,722 cu.yd. Federal Aid Project 74-E; and improving 11.855 mi. Federal Aid Project 54-B, 79,265 cu.yd. excav., 42,616 cu.yd. borrow, 79,365 lb. reinforcing, 45,070 lb. structural steel in bridges over 20 ft. span, 89,974 ft. creosoted lumber, 2,772 ft. untreated lumber, 3,860 ft. creosoted piling, etc. H. C. Dietzer, Jackson, engr.

Miss., Kosciusko — Oct. 6, at office Chancery Clerk, Attala Co., grading and bridging 9.995 mi. Federal Aid Project 54-A, 18 ft. H. C. Dietzer, Jackson, engr.

O., Cincinnati—Oct. 1, by Comrs. Hamil-Co., tar bound macadam repaving, etc., 37,500 sq.yd. Mill Rd. $90,105, 27,600 sq.yd. South Rd. $66,308, 11,200 sq.yd. Muchmore Rd. $31,319, 10,400 sq. yd. Creek Rd. $25,-305, 9,600 sq. yd. Powner Rd. $25,037, 16,-100 sq.yd. Little Dry Run $49,688, and 24,500 sq.yd. Struble Rd. $56,353. E. A. Gast, Court House, engr.

O., Cincinnati—Oct. 6, by Comrs. Rapid Transit, grading, bridging, sewers, concrete subway an Durax paving 1,800 sq.yd. Central Parkway. $1,011,025. F. Rachig, City Hall, engr.

O., Columbus—Oct. 12, by W. H. Duffy, dir. Pub. Serv., grading, curbing, laying necessary water and sewer connections and paving with (a) brick (b) asphalt 2,290 sq.yd. Woodbine Pl., (a) $17,903 (b) $15,-512; 6,320 sq.yd. Moler St. (a) $50,370 (b) $40,454; 2 760 sq.yd. Mizer Ave. (a) $23,744 (b) $21,744, 5,895 sq.yd. 13th Ave. (a) $39,621, (b) $36,282; 1,120 sq.yd. Russell St. (a) $7,231 (b) $4,995; and 3,280 sq.yd. Tulane Rd. (a) $22,578 (b) $20,415.

Indiana—Oct. 12, by J. D. Williams, dir. State Hy. Comn., Indianapolis, brick, concrete, or bituminous concrete paving 1.1 mi. Madison Hill Rd., Project S-526, Jefferson Co.; and 0.646 mi. Tell City-Paoli Rd., Project S-527, Crawford Co.

Ind., Anderson—Oct. 4, by Comrs. Madison Co., concrete paving 3.8 mi. Pitt St. and streets in Elwood, 28 and 30 ft. $100,000. M. H. Downey, Anderson, engr.

Ind., Crawfordsville—Oct. 5, by Comrs. Montgomery Co., cement paving Albert & Morris et al Rd., $71,373; and gravelin John D. Fisher et al Rd., $13,069. B. F. May, Crawfordsville, aud.

Michigan—Oct. 6, by H. G. Oakes, resident engr., Cadillac, concrete paving 10,963 mi. F. A. 129 Sect. F., 20 ft., Benzie Co. for State Hy. Dept., Lansing. Noted Sept. 9.

Michigan—Oct. 7, by R. A. Beers, resident engr., Kalamazoo, concrete paving 5.743 mi. F. A. 139, Sect. B; 20 ft., Berrien Co. for State Hy. Dept., Lansing. Noted Sept. 9.

Michigan—Oct. 7, by A. M. Hopperstead, resident engr., Crystal Falls, graveling 37,-835 sq.yd. T. L. 45-1 Dickinson Co., for State Hy. Dept., Lansing. Noted Sept. 9.

Illinois—Oct. 6, by State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, concrete, vitr. brick or bituminous concrete with or without binder course paving 0.12 mi. Route 10, Sects. 34-X-1 and 2, Vermilion Co., grading 0.73 mi. Route 2, Sect. 73-A, Lee Co., also two 96 ft. and one 56 ft. span concrete girder and steel girder bridge on Route 1, Sect. K-V, Cook Co. E. T. Sheets, highway engr.

Wis., Racine—Oct. 6, by H. W. Vroman, div. engr., 440 Milwaukee St., Milwaukee, grading, etc. 25,010 cu.yd. Racine-Elkhorn Rd., Federal Aid Project 439-A, Racine Co.

Iowa—Oct. 5, at office State Hy. Dept., Ames, gravel surfacing Primary Road 11, Buchanan Co. and Primary Road 46, Mitchell Co.; also guard rail at overhead crossing on Federal Aid Project 184, Monona Co.

Ia., Charles City — Oct. 12, at office Auditor Floyd Co., grading and paving 94,186 sq.yd. Federal Aid Project 279.

Ia., Cedar Rapids—Oct. 4, by City Clerk, 7 in. concrete paving 8,180 sq.yd., and brick paving 1,528 sq.yd. various streets. R. W. Gearhardt, City Engr.

Ia., Independence — Oct. 5, at office Auditor Buchanan Co., improving 7.5 mi. roads in Liberty and Homer Twps., 5,700 cu.yd. gravel 1 mi. haul, 19,400 units ½ mi. haul, etc. A. R. Bartell, Independence, co. engr.

Kan., Eureka—Oct. 14, by Clerk Greenwood Co., concrete paving 0.311 mi. Federal Aid Project 322-B, and grading, etc. 0.313 mi. same road, 2.609 mi. Federal Aid Project 322-C, and 4.772 mi. Federal Aid Project 297-B, also two 40 ft. and one 30 ft. deck girder span bridges on same road. R. L. Marlin, Eureka, co. engr. Noted Aug. 5.

Tenn., Winchester—Oct. 12, by City, curbing, guttering and rock asphalt on concrete paving 16,500 sq.yd. various streets. $35,-000 Klyce & Harrub, 4th & 1st Natl. Bank Bldg., Nashville, engrs. Noted July 8.

Oklahoma—Oct. 12, by State Hy. Dept., Oklahoma City, grading, etc. 127,900 cu.yd. Guthrie-Coyle Rd., Logan Co. $65,000. J. M. Page, highway engr.

Calif., Los Angeles—Oct. 11, by Supervs. Los Angeles Co., grading, oil and rock screenings, surfacing, etc. 264,524 sq.ft. Topango Canyon Rd.

Calif., Los Angeles — Oct. 11, by Bd. Supervs. Los Angeles Co., grading, curbing, guttering, sidewalks, and concrete paving 379,526 sq.ft. Holmes Ave., $85,710; curbing, sidewalks, and Marbelite lighting standards on White Ave., etc. $27,576; and concrete paving, etc. 363,526 sq.ft. Amestoy Ave., $109,641. G. Jones, Hall of Records, engr.

Calif., Stockton—Oct. 11, by E. Graham, clk. San Joaquin Co., improving Brack Rd., 6,000 cu.yd. grading, 3,400 tons gravel top course, and 2,600 tons base course. F. E. Quail, Stockton, co. surv.

Ont., Hamilton — See "Contracts Awarded."

Bids Received

N. Y., New York — Board Estimate & Apportionment, City Hall, Sept. 23, curbing and sidewalks around New York County Court House, from S. Nugent, 505 5th Ave., $38,225.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, Sept. 27, bituminous concrete repaving Water St., from J. E. Donovan Co., 2205 Port Richmond Terrace, $16,982; and grading Catherine St., from Vanbro Constr. Co., 24 Elizabeth

Streets and Roads (Continued)

St., West New Brighton, $15,982. Noted Sept. 23.

Pennsylvania—State Hy. Dept., Harrisburg, Sept. 15 **(R. means Route and A. means Application)**, one course rein.-con. paving, etc. 10,630 ft. R. 66, A. 4367, Clarion Co., from W. C. Quick & Co., Brookville $75,278, 15,112 ft. R. 417, A. 4131, Schuylkill Co., from David Schoentag, Inc., Saugerties, N. Y., $131,768, 4,505 ft. R. 495, A. 4377, Erie Co., from J. and M. Doyle Co., 157 West 3rd St., Erie, $34,150, 22,545 ft. R. 140-141, A. 4309, Lebanon Co., from D. L. Risser, 713 Walnut St., Lebanon, $139,946, 6,526 ft. R. 340, A. 3840, Franklin Co., from Bester-Long Co., Hagerstown, Md., $43,475, 10,283 ft. R. 120, Sects. 1-A, 1-B and 2-A, Westmoreland Co., from Edwards-Dunn Co., Inc., 202 Coulter Bldg., Greensburg, $108,544, 8,890 ft. R. 276-R, Cambria Co., from Clark Bros. Constr. Co., Cherry Tree $76,391, 27,000 ft. A. 796, Indiana Co., from R. H. Cunningham & Sons Co., 617 Penn Ave., Turtle Creek, $180,326, 2,664 ft. A. 3583, Blair Co., from Lincoln Constr. Co., Strafford $23,485, 18,-139 ft. R. 211, McKean Co., from F. D. Ross, 74 High St., Bradford $132,042, 5,400 ft. R. 5, Luzerne Co., from B. G. Coon Constr. Co., 274 Union St., Luzerne, $73,963, 4,635 ft. R. 181, A. 1058A, Allegheny Co., from Donora Constr. Co., Donora $53,610, 14,225 ft. R. 247 Sect. 10 As. 4094-4095, Washington Co., from J. F. Patterson, Donora Constr. Co., Donora, $199,628, and 8,440 ft. R. 158-Spur, Lehigh Co., from Smith-Fenstermacher Co., 42 South 7th St., Allentown, $45,154; also treated bituminous macadam paving 39,094 ft. R. 277, A. 3962, McKean Co., and 7,427 ft. R. 13, A. 4207, Bradford Co., from D. L. Dennis Co., Galeton, $186,161 and $50,527 respectively. Noted Sept. 2.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, Sept. 21, from United Paving Co., Real Estate Trust Bldg., paving and repaving (assessment work) Wissahickon St. $43,120, redressed granite block repaving 18th St. incl. track area $26,016, 19th St. (track area) $8,582; from Union Paving Co., 123 South 21st St., paving and repaving (assessment work) Market St. $71,660, redressed granite block repaving Allegheny St. (track area) $46,218, 52nd St. $26,960 and furnishing sand for asphalt paving mixtures $6,250; from Mazzola & Marona, 739 South 7th St., redressed granite block repaving Chew St. (track area) $26,-231, from J. Salvacci, 512 North 65th St., Franklin St. $8,684 4th St. $28,350, 9th St. $23,132, from C. G. Centrone, Bailey Bldg., Sears St. $5,867, Passyunk St. (track area) $5,011, and 52nd St. (track area) $26,960, from Acchione Contg. Co., 755 South Warnock St., Sansom St. $4,227, and from Municipal Paving Co., 702 Catharine St., 11th St. $15,656; from Atlantic Refining Co., 260 South Broad St., furnishing asphaltic cement $6,880, and fuel oil $2,925; and from Van Sciver Corp., 24th St. and Parkway, furnishing crushed stone $3,290. Noted Sept. 16.

Ohio—G. F. Schlesinger, dir. Hys. & Pub. Wks., Columbus, Sept. 17, grading and plain concrete paving, etc., 2.575 mi. Sect. "A" New London-Fitchville Rd., Huron Co., and 1.584 mi. Sect. "B" same road, from A. J. Baltes, Norwalk, $37,441 and $30,638 respectively; brick paving, etc., 0.358 mi. Sect. "Fredericktown" Mt. Gilead - Mt. Vernon Rd. from R. J. Au, Mansfield, and H. Strodbeck, Mt. Vernon, $5,998 each; concrete paving 0.852 mi. Sect. "L-1" Ohio River Rd., Washington Co., from W. A. Wilson & Son, St. Mary's W. Va., $30,954; drainage structures on 3 mi. Sect. "L" Ohio River Rd., Jefferson Co., from Dougherty & Leech, Steubenville, $5,550; guard rail along road Sect. "S" Ohio River Rd., Lawrence Co., from L. D. Kear, Wharton, $2,650; retaining wall and making fill for Sect. "T" Cincinnati-Zanesville Rd., Warren Co., from J. W. Weeks, 300 Gibbons Arcade, Dayton, $4,628. Noted Sept. 2.

O., Cincinnati—Concrete curbing, cement sidewalks and concrete repaving 4,000 sq.yd. Reid Ave., from A. P. Birmbaum, 2671 Cora Ave., $20,093 engrs. est. $25,050; vitr. brick repaving 5,700 sq.yd. Elm St., from Henkle & Sullivan, 105 Bell Blk., $37,028, engrs. est. $48,844.

Tex., Austin — Travis Co., grading, reshouldering, bridges, and gravel surfacing 6.63 mi. Highway 71, 18 ft., from R. Canion, 1412 South 1st St., Austin, $29,579. Engrs. est. $32,060.

Contracts Awarded

Maine—State Hy. Dept., Augusta, bituminous macadam paving 1.1 mi. highway in Augusta, to A. D. Bridges & Sons, Hazardville, Conn. Engrs. est. $25,000.

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam paving 2,800 ft. highway in Saugus to Greenough Constr. Co., South Actón, $16,744; macadam graveling, etc. 2,700 ft. highway in Bellingham, to T. J. Quinn, Ashton, R. I., $12,780. Noted Sept. 23.

Mass., Boston—Metropolitan Dist. Comn., 1 Ashburton Pl., grading, surfacing and concrete bridge, on Old Colony Parkway, to Coleman Bros., $118,971. Noted Sept. 23.

Connecticut—State Hy. Dept., Hartford, 10 in. waterbound macadam paving 6,871 ft. Lakeville Millerton Rd. in Salisbury, and 7 in. waterbound macadam paving 15,700 ft. Harwinton-Burlington Rd. in Harwinton, to New Haven Road Constr. Co., 70 College St., New Haven, $64,661 and $97,573 respectively; 8 in. rein.-con. paving 9,920 ft, Canaan Norfolk Rd. in Norfolk, also rein.-con. paving and bridge approaches on 1,249 ft. Gaylordville Bridge in New Milford, to J. Mascetti, 223 Oak Ave., Torrington, $115,307 and $19,395 respectively; 2½ in. bituminous macadam on 7 in. native stone paving 5,210 ft. New Canaan-Pondridge Rd. in New Canaan, to F. B. Hastings, Bridgeport, $58,000; 8 in. rein.-con. paving 29,345 ft. Danbury-Norwalk Rd. in Danbury, Redding and Ridgefield, to Lane Constr. Co., 37 Colony St., Meriden, $267,-510; grading, etc. 4,100 ft. Hartford Turnpike in Berlin, to D. V. Frione, 505 Grand Ave., New Haven, $44,849; and rein.-con. paving 3,812 ft. Waterbury-Thomaston Highway in Thomaston, to J. De Michael & Bros., Torrington, $65,670. Grand total $732,965. Noted Aug. 26 and Sept. 23.

New York—A. W. Brandt, comr. Highways, Albany, **(e. e. means engineers estimate)** improving 1.14 mi. Highway 8263, Banksville-North Castle Rd., Part 1, Westchester Co., to J. H. Gordon, 91 North Pearl St., Albany, $75,525 e. e. $87,429; 2.3 mi. Highway 1743, Stockton-Burnhams Rd., Chautauqua Co., to Houston & Burns, Burdette, $107,062 e. e. $143,555; 1.06 mi. Highway 1738, Murray-Kendall Rd. Part 1, Orleans Co., to Oatka Eng. & Constr. Corp., Warsaw, $74,851 e. e. $111,814; 0.42 mi. Repair Contr. 1543, Highway 142, Saugerties-Woodstock Part, 3, Ulster Co., to D. Schoentag, Inc., Saugerties, $34,695 e. e. $38,625; 3.85 mi. Repair Contr. 3154, Highway 91, Nyack Turnpike, Rockland Co., to Hogeboom & Campfield, Inc., Kingston, $277,854 e. e. $368,952; 0.2 mi. Repair Contr. 1546, Highway 5253, Jasper-Addison Rd., Steuben Co., to Curry & Macy Inc., Rochester, $34,533 e. e. $42 642; 4.03 mi. Repair Contr. 1542, Highway 611, Malta-Saratoga Rd., Saratoga Co., to C. Hansen, 45 Glen Ave., Troy, $171,732 e. e. $235,159; 3.71 mi. Repair Contr. 1545, Highway 5301, Bayshore-Brookhaven Town Line Rd., Suffolk Co., to New York Willite Paving Corp., Rochester, $168,150 e. e. $214,863; 0.34 mi. Highway 1720-B, Riverhead-Mattituck Rd., Part B, Suffolk Co., to D. Kraft, Burtis Ave., Oyster Bay, $20,829 e. e. $24,015; 7.55 mi. Highway 8260 Varysburg-Attica Rd., Wyoming Co., to W. J. Knauer, Jamestown, $366,450 e. e. $512,794; 0.61 mi. Highway 1742, Sandusky-Fairview Rd., Cattaraugus Co., to McKibben-Rockwell Corp., Hornell, $33,416 e. e. $42,315. Grand total $1,365,097. Noted Sept. 23.

New York—A. W. Brandt, comr. Highways, Albany, reconstructing 3.13 mi. Repair Contr. 1544, Highway 69, Main St., Part 1, Erie Co., to Peoples Paving Co., 85 Roma St., Buffalo, $365,695. Engrs. est. $467,010. Noted Sept. 23.

N. Y., Brooklyn—J. J. Byrne, comr. Pub. Wks., Boro Hall, to Sicilan Asphalt Paving Co., 41 Park Row, New York City, asphalt paving Boerum Pl. $3,620, and Scholes St. $3,592, to B. Turecamo, Contg. Co., 8906 16th Ave., Kings Highway $19,880; Kings Highway $26,231, and Quentin Rd. $7,769; to Cranford Co., 52 9th St., Union St. $6,665; and to Uvalde Asphalt Paving Co., 1 Bway., New York City, Union St. $14,017. Grand total $81,774. Noted Sept. 9.

N. Y., Brooklyn—J. J. Byrne, comr. Pub. Wks., Boro Hall, granite block paving Bogart St., to B. Greico, 44 Russell St., $4,117; grading, curbing, flagging Avenue U, to W. J. McHale Contg. Co., 1250 Jefferson St. $11,850, also 71st and 76th Sts., to G. M. Mandato, 210 Neck Rd., $11,881 and $3,010 respectively; asphalt paving Bradford St. and Central Ave., to Uvalde Asphalt Paving Co., 1 Bway., New York City $15,118 and $8,501 respectively, Thatford Ave., to Cranford Co., 52 9th St. $13,-309, and Willoughby Ave., to Borough Asphalt Co., 1301 Metropolitan Ave. $9,606. Grand total $77,392. Noted Sept. 16.

N. Y., Brooklyn—J. J. Byrne, Comr. Pub. Wks., Brooklyn Boro, Boro Hall, granite paving King St., to B. Greico, 44 Russell St. $16,585; sidewalks on Pacific St., to J. H. Gearhart, Inc., 50 Church St., New York City $1,024; and Forbell Ave., to A. E. Castle, Inc., 3300 Tilden Ave. $686; asphalt paving Dumont Ave., to Uvalde Asphalt Paving Co., 1 Bway., New York City, $8,674, Luquer Ave., to Cranford Co., 52 9th St., $12,396, Melrose St. and Avenue U, to Borough Asphalt Co., 1301 Metropolitan Ave. $51,988 and $113,749 respectively; Westminster Rd., to Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., $30,221. Grand total $235,323. Noted Sept. 23.

N. Y., Buffalo—Buffalo Fort Erie Bridge Co., Ellicott Square Bldg., rein.-con. and granite paving approaches on American and Canadian sides, and constructing Peace Bridge over Niagara River, here, to R. B. Porter Co., St. Catharines, Ont., $435,000. Noted Nov. 19 under "Bridges."

N. Y., New York—J. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., to C. Helbock Co. Inc., 633 Wales Ave., granite block paving Canal St., $27,622; to L. Di Minna, Inc., 2333 Lorillard Pl., grading Colden Ave., $12,023; to F. Gabrielle, Inc., 1129 8th Ave., Crosby Ave. $10,631; to Asphalt Constr. Co., Inc., 2197 Madison Ave., bituminous paving Van Cortland Ave. $56,413, and sheet asphalt paving East 172nd St. $15,913; to Brusstar Constr. Co., 157th St. and Harlem River, College Ave. $21,152, Avenue St. John $8,431, Walton Ave. $39,456, and Forest Ave. $12,088; to Gaffney Constr. Corp., Grand Central Terminal, East 172nd St. $9,883, and Kingsbridge Ave. $41,832. Grand total $255,444. Noted Sept. 23.

New Jersey—State Hy. Comn., Trenton, widening Route 4, Sect. 7B, Mullica River Sect., Atlantic and Burlington Counties, to Wallace, Tozour & Wall, Millville, $40,848; and rein.-con. paving Route 16, Sect. 5B, South Bridge St., Somerset, Somerville Co., to Graham & Van Kourm, 76 Montgomery St., Jersey City, $32,175. Noted Sept. 2.

Pennsylvania—State Hy. Dept., Harrisburg, (R. means Route and A. means Application), rein.-con. paving, etc., 8,983 sq.yd. R. 165, Sect. 3, Northampton Co., to Capitol Constr. Co., Des Moines, Ia. $44,149, 18,971 sq.yd. A. 3969, Delaware Co., to Juniata Co., Empire Bldg., Phila. $76,371, 11,359 sq.yd. R. 237, A. 4234, Clarion Co., to Rinehart Bros., East Liverpool, O. $49,467, 28,673 sq.yd. R. 52, A. 3971, Somerset Co., to M. F. McCabe & Co., Fairmount, W. Va. $110,560; and 3 in. penetration paving 45,676 sq.yd. A. 3875, Butler Co., to Gray Bros., Latrobe $92,883. Grand total $375,-430. Noted Sept. 16.

Pennsylvania—State Hy. Dept., Harrisburg, **(R. means Route and A. means Application)** grading and rein.-con. paving, etc. 32,486 sq.yd. R. 85, A. 4128-3822, Erie Co., to Colonial Constr. Co., Arrott Bldg., Pittsburgh, $156,606, 6,920 sq.yd. R. 211, A. 3907, McKean Co., to G. Metzger, Jr., Emporium, $91,209, 13,960 sq.yd. R. 302, A. 4129, Westmoreland Co., to A. R. Cooper, Hookstown, $63,002, 23,056 sq.yd. A. 4214, Venango Co., to Meredith & McVaugh, Sharon, $94,803, 26,398 sq.yd. R. 12, A. 4148, Susquehanna Co., to Lane Constr. Co., 37 Colony St., Meriden, Conn., $94,874, also 6,968 sq.yd. A. 4046, and bituminous penetration macadam paving, etc. 4,440 ft. A. 3876, Butler Co., to Jones Constr. Co., Woodlawn, $35,188 and $22,996 respectively. Grand total $558,678. Noted Sept. 16.

Pa., Donora—Rein.-con. and macadam resurfacing Meldon Ave., to Donora Constr. Co., Donora. Engrs. est. $75,000.

Pa., Phila.—City Dept. Transit, H. E. Ehlers, dir., granite block on concrete repaving, 2,610 ft. Broad St. Subway, 69 ft., Contr. 165, to F. A. Canuso & Son, 763 South 12th St., $98,233. Noted Sept. 16.

Pa., Pittsburgh—Controller Allegheny Co., grading and concrete paving 1,184 ft. Evergreen Rd., 60 ft., to Booth & Flinn, Ltd., Forbes St., $31,029; rein.-con. on vitr. brick paving 8,015 ft. Castle Shannon Rd., 34 ft., to D. Benentend Co., West Liberty St., $154,875 engrs. est. $160,000, and 2,025 ft. Front St., 36 ft., to Donatelli & Donatelli, 7202 Spencer St. $46,791 engrs. est. $50,000. Grand total $232,695. Noted Sept. 23.

Pa., Pittsburgh—Controller Allegheny Co., grading, paving and curbing approach to Bridge 9 over Monongahela River, at Point Bridge, to Dunn & Ryan Contg. Co., 3918 Swineburn St., $74,325. Engrs. est. $75,000.

Delaware—State Hy. Dept., Dover, widening 11,354 sq.yd. concrete road, to W. W. Truitt, Lincoln City, $43,154; slag macadam 4.86 mi. road, to Field, Barker & Underwood, Commercial Trust Bldg., Phila., Pa., $41,743.

Maryland—State Rd. Comn., Baltimore, sheet asphalt paving 0.68 mi. highway along Belair Rd., Contr. BC-64, to P. Flanigan & Sons, Hartford Rd. and Baltimore & Ohio R.R. tracks, $69,393. Noted Sept. 23.

North Carolina — State Hy. Comn., Raleigh, clearing, grubbing, grading, etc. 9.44 mi. Project 931, Graham Co., and 9.04 mi. Project 923, Clay Co., to M. W. London & Son, Asheville $97,670 and $99,034 respectively; 10.52 mi. Project 158, Nash Co., and 3.67 mi. Projects 489 and 238, Wake Co.,

Constr. News page 217

Streets and Roads (Continued)

to W. C. Carter, Mebane $58,570 and $25,206 respectively; 6.18 mi. Project 840, Henderson Co., to L. J. Smith, Asheville $72,075, 12.86 mi. Project 177, Chowan Co., and 11.18 mi. Project 480, Wake Co., to N. L. Teer, Durham $54,224 and $62,914 respectively; clearing, grading, topsoiling, etc. 5.7 mi. Project 6530, Mecklenburg Co., to P. R. Huffstetler, Gastonia $27,106, and 12 mi. Project 303, Bladen Co., to J. F. Mulligan Constr. Co., North Wilkesboro $72,617; grading and plain concrete paving, etc. 4.98 mi. Project 830, Henderson Co., to Pennel & Harley Inc., Spartanburg, S. C. $130,610; 3.96 mi. Project 842, McDowell Co., to Fiske-Carter Constr. Co., Spartanburg, S. C. $102,400; 9.11 mi. Project 757, Stokes Co., to G. R. Martin, Salisbury $216,515; 5.34 mi. Project 6500, Mecklenburg Co., and 8.73 mi. Project 6450, Gaston Co., to Wood Constr. Co., Statesville $150,727 and $242,473 respectively, and 7.95 mi. Project 4799, Wake Co., to Coastal Constr. Co., Florence, S. C. $210,033. Grand total $1,549,557. Noted Sept. 23.

Miss., Oxford—Curbing and 5 in. rein.-con. paving 16,852 sq.yd. various streets, to Williams Eng. Serv. Corp., Yazoo City.

La., Lake Charles—E. L. Gorham, comr. Dept. Pub. Wks., City Hall, grading, curbing and 6 in. rein.-con. paving 100,000 sq.yd. various streets, to Miller Hutchinson Co. Taylorville, Ill., approximately $310,000. Noted Aug. 17.

O., Bexley (Columbus P. O.)—Grading, curbing and asphalt paving 700 ft. Denver Ave., to A. W. Burns Constr. Co., 315 South High St., Columbus, $9,703. Noted Sept. 16.

O., Cuyahoga Falls—Resurfacing Front St., to T. E. McShaffrey Co., 173 South Forge St., $30,000.

O., Maple Heights (Bedford P. O.)—Bituminous concrete paving Raymond St., to Enterprise "Paving & Constr. Co., 8444 Bway., Cleveland, $72,000.

O., Shaker Heights (Cleveland P. O.)—Bituminous concrete paving 9 various streets, to Highway Constr. Co., Guarantee Title Bldg., Cleveland, $29,849; 6 streets, to Baldwin Bros., 4500 Euclid Ave., Cleveland, $30,361; 6 streets, to Gould & Mayback, 16311 Saranec Rd., Cleveland, $111,258; 4 streets, to Bentley Bros., Hanna Bldg., Cleveland, $12,091; 2 streets, to Cleveland Trinidad Paving Co., the Arcade, Cleveland, $135,448; and 2 streets, to Spence Bros., 2078 Random Rd., Cleveland, $19,214. Grand total $338,221. Noted June 17.

Ind., Evansville—Vanderburgh Co., constructing Cypress-Dale Rd., to King Kamp Constr. Co., Evansville, $12,560; and Lynn Becker Rd., to H. Schaeffer, Evansville, $10,000.

Ind., Fort Wayne—Allen Co., constructing Thiele, Schuler, and Lahrman Rds., to C. Eicher, Two Rds., Fort Wayne, $48,373. Engrs. est. $56,722. Noted Sept. 2.

Ind., Huntington—Huntington Co., asphalt on concrete paving 5.628 ft. Bartlett Rd., to Midwest Asphalt Co., Wabash, $37,499. Engrs. est. $40,000.

Ind., Plymouth—Marshall Co. graveling Ball Rd., to Bryan-Smelser Constr. Co., Plymouth, $12,227. Engrs. est. $19,359. Dietl Rd., to N. A. Enyart, Tyner, $12,177. Engrs. est. $17,015. Meyers Rd., to Carvey, Tombaugh & Carvey, Macy, $12,062. Engrs. Est. $14,762. Noted Sept. 2.

Mich., Detroit—Berea or medina curbing, 3½ in. sheet asphalt on 8 in. concrete paving Civic Place, Coolidge Highway, College Drive and 30 Aves., to Detroit Asphalt Paving Co., 909 Transportation Bldg., $772,586; Tuller and Bryden Aves., to Cleveland Trinidad Paving Co., 402 Hammond Bldg., $12,456; and Greeley Ave., to Cooke Asphalt Paving Co., 1260 Penobscot Bldg., $30,549. Grand total $815,591. Noted July 15.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, grading 0.15 mi. Route 2, Sect. D-1, La Salle Co., to Cameron-Joyce & Co., Keokuk, Ia., $19,343; 0.14 mi. Route 2, Sect. D-2, La Salle Co., to Duncan Constr. Co., La Salle, $28,916.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, paving Route 41, Sect. 15, Knox Co., to Central Eng. Co., Putnam Bldg., Davenport, Ia. $28,485, Route 27, Sects. 7-X and Y, Clay Co., to E. J. Tegge Constr. Co., Papineau, $5,432 and $6,898 respectively, Route 11, Sects. 41-X and 42, Madison Co., to Stocker Gravel Constr. Co., Highland $42,490, Route 22, Sect. 19-W, Lake Co., to Powers-Thompson Co., Joliet $7,691, Route 7, Sect. 30-X, La Salle Co., to S. J. Groves & Sons Co., 309 Globe Bldg., Minneapolis, Minn. $17,857, Route 7, Sect. 1-4, La Salle Co., to M. Hayes & Sons, 209 South La Salle St., Chicago $14,495; and bridge on Route 12, Sect. 31-V, St. Clair Co., to W. C. Johnson, Belleville, $14,832. Grand total $138,180. Noted Aug. 26.

Constr. News page 218

Ill., East St. Louis—Grading, curbing and concrete paving portions 8th St., to Keeley Bros. Constr. Co., 2100 State St., $31,128; grading, curbing and asphalt on concrete paving portion 10th St., to Concord Paving Co., Buder Bldg., St. Louis, Mo., $42,450; Kansas Ave. Sewer and Security addition sewer, to Louis Rich Constr. Co., Arcade Bldg., St. Louis, Mo., $4 980 and $3,421 respectively. Grand total $81,928. Noted Sept. 9.

Ill., Evanston—Concrete paving Foster St., to M. Foley & Co., Evanston, $75,330; and Barton, Madison, Ewing and Hastings Sts., to Arcole Constr. Co., Evanston, $113,431.

Ill., Macomb—Bd. Local Impvts., grading, curbing, guttering and brick on 4 in. concrete with asphalt filler paving 8,994 sq.yd. East and West Pierce, and North and South Campbell Sts., to F. J. Specht, Bushnell, $30,998.

Ill., Staunton—Bd. Local Impvts., City Hall, grading, curbing, and concrete paving Main, Pearl, Hibbard, Edward, North and Hackman Sts., incl. Highway 4, to H. A. Kribs, Edwardsville, $45,000. Noted Sept. 9.

Ia., Denison—Crawford Co., to Pickens Constr. Co., Sioux City, improving roads, 10,800 cu.yd. gravel 1 mi. haul at $1.5675 per cu.yd., 48,600 units ½ mi. haul at $0.07. Noted Aug. 12.

Ia., Onawa—Monona Co., 3 in. gravel surfacing 26 mi. Primary Road 12, to H. Pickus Constr. Co., Sioux City, $56,135. Noted Aug. 5.

Ia., Pocahontas—Pocahontas Co., to A. G. Schneiders, Pocahontas, improving Primary-Secondary Projects S-101, 2,250 cu.yd. gravel 1 mi. haul at $0.28 per cu.yd. 13,275 units ½ mi. haul $0.07, etc.

Ia., Rockwell City—Calhoun Co., to A. R. Eno, Haverlock, improving Primary Dists. 19, 20, 54, 71, 72 and 74 and Primary Secondary Dist. S-106, 32,137 cu.yd. gravel 1 mi. haul at $0.28 to $0.39 per cu.yd., 106,587 cu.yd. gravel ½ mi. haul $0.07 and $0.08, 6,125 cu.yd. stripping $0.20, etc.

Ia., Sioux Center—For 7 in. concrete paving 26,100 sq.yd. various streets, to Western Asphalt Paving Corp., 1st and Nebraska Sts., Sioux City, $56,900.

Ia., Waverly—Bremer Co., to J. W. Peed & Sons, Ft. Dodge, improving Federal Aid Project 283, 104,854 cu.yd. excav. at $0.225 per cu.yd., 2,850 cu.yd. loose rock and 193 cu.yd. solid rock excav. $0.90 and $2.40 respectively, 1,610 ft. culvert labor $0.25 to $0.35, etc. and to N. Debel, Tripoli, 13,740 ft. 6 in. tile drain $0.145, etc. Noted Aug. 26.

Ia., Waterloo—Sheet asphalt on old base resurfacing 22,000 sq.yd. various streets, to Bryant Paving Co., Box 368, $41,756.

Minn., Faribault—Rice Co., grading, etc. 142,400 cu.yd. Primary Rd., State Project 10-49, Federal Aid Project 382, to R. B. Fraser, Northfield, $44,549.

Minn., St. Paul—Sheet (oil) asphalt paving, etc. Berkeley Ave. between Cretin Ave. and Mt. Curve Blvd., to Hanlon & Okes, 1501 Merchants Natl. Bank Bldg., $43,000.

Kan., Norton—Norton Co., brick paving 0.631 mi. roads in city of Almena, to Geiger & Rutherford, Leavenworth, $64,924; grading, bridges, etc. 5.311 mi. Federal Aid Project 345-A, to Hall-Hardman, Alton, $82,914. Noted Aug. 19.

Kan., Oskaloosa—Jefferson Co., improving Golden Belt Rd., Federal Aid Projects 133-B and 229-B, to Penny & Baldwin, Paola, $30,651 and $130,059 respectively.

Kan., Sedan—Chautauka Co., grading, etc. 6.502 mi. Federal Aid Project 356-A, 28 ft., to M. R. Ammerman, 248 North Market St., Wichita, $51,537.

Mo., Springfield—Concrete paving, etc. 2,285 sq.yd. Newton Ave., to E. V. Koch, 2001 Bird St. Joplin, $4,915; also 3,095 sq.yd. Brower and 11,529 sq.yd. Locust Sts., to Stigall Constr. Co., Talmage and Benton Sts. $7,834 and $23,231. Grand total $35,980. Noted Aug. 19.

Ark., Hope—Grading, curbing and sheet asphalt on concrete paving 24,000 sq.yd. Street Impvt. Dist. 3, to Kaw Paving Co., New England Bldg., Topeka, Kan., approximately $78,000. Noted Aug. 12.

Ark., Hot Springs—Grading, curbing, guttering, and concrete paving, 11,661 sq.yd. Paving Dist. 92, to G. W. Nichols, Hot Springs, $25,000. Noted Sept. 2.

Ark., Little Rock—Improving Sect. 1 Paving Dist. 423, incl. 8,900 sq.yd. 3 in. brick on old base surfacing, to Kelliher Constr. Co., 216 Home Insurance Bldg., $28,865. Noted Sept. 2.

Tex., Amarillo—Sunset Park Addition, grading and asphalt paving 30 blocks various streets, to Tibbetts & Pleasant, 209 North Nogales St., Tulsa, Okla., $40,000.

Tex., Ft. Worth—Tarrant Co., limestone rock asphalt paving Ryan Ave. between Cantey and Bolt Sts., to General C[illegible] Co., Cotton Exch. Bldg., $82,975. [illegible] est. $87,500.

Tex., Groveton — Trinity Co., grading, bridging, etc. 9.773 mi. Highway 106, State Aid Project 697-A, and 9.349 mi. same road State Aid Project 697-B, to J. S. Mc[illegible] & Sons, Lufkin, $44,707 and $38,668 respectively. Engrs. est. $51,345 and $[illegible] respectively. Noted Sept. 23.

Tex., Houston—For two course inverted penetration asphalt topping Buffalo Bayou Rd., White Oak and Waugh Drs., to Braden & Austin, Runnels St. and Santa Fe Ry. tracks, $32,836. Engrs. est. $35,000.

Tex., Jefferson—Marion Co., 2 in. bituminous macadam on waterbound macadam paving 7.57 mi. Highway 8, Federal Aid Project 306-C, Unit 2, and 3.56 mi. same road, Federal Aid Project 306-A, Unit 2, to J. F. Dexter, 604 North Texas Bldg., Dallas, $80,013 and $39,574 respectively. Engrs. est. $117,050 and $56,782 respectively. Noted Sept. 23.

Tex., Vernon—Rein.-con. paving [illegible] sq.yd. various streets, to Gibson & Mitchell, Pauls Valley, Okla., at $2.25 sq.yd.

Tex., Waxahachie — Ellis Co., grading, bridging, etc. 8.765 mi. Highway 6, Federal Aid Project 487-E, Unit 1, 26 ft., to F. Purvis, F. & M. Bank Bldg., Ft. Worth, $39,977. Engrs. est. $47,500.

Okla., Oklahoma City—Grading and concrete paving 6,300 sq.yd. Lindsay St., to Western Paving Co., Tradesmens Bldg., $31,501. Engrs. est. $33,000.

Colo., Denver—Concrete paving 12 blocks alley paving Dists. 154 and 155, to M. P. Carlson, 4487 Newton St., $21,508 and $21,342 respectively; asphaltic concrete paving West Side Paving Dist. 19, to Western Paving Constr. Co., 5230 Washington St., $43,767; gravel surfacing East Side Surfacing Dist. 6, to H. C. Lallier Constr. & Eng. Co., Continental Bldg., $17,770. Grand total $104,387.

Idaho, Twin Falls—Constructing 4 mi. gravel approach to north side of bridge over Snake River Canyon, near here, to D. J. Cavanaugh, Twin Falls, approximately $25,000.

Arizona—At office State Engineer, Phoenix, grading 18,000 cu.yd. Federal Aid Project 19-B, and 49,000 cu.yd. Federal Aid Project 36-A, to H. Galbraith, Jerome $23,255 and $69,708 respectively.

Washington—State Hy. Comn., Olympia, grading, etc., 108,000 cu.yd. State Rd. 12, Cowlitz Co., to Von der Hellen & Pierson, P. O. Box 599, Medford, Ore., $69,056; concrete paving 4,627 sq.yd. State Rd. 1, Cowlitz Co., to E. O. Albers, 1210 Alfred St., Chehalis, $25,424; 1,500 sq.yd. State Rd. 1, Snohomish Co., to Templeton & Co., 2922 Lombard St., Everett, $5,811; crushed gravel resurfacing 5,000 cu.yd. State Rd. 9, Grays Harbor Co., to O. E. Anderson & E. E. Mills, Chehalis, $7,500, 4,654 cu.yd. State Rd. 9, Clallam Co., to G. R. Pitts, 1228 Water St., Raymond, $5,864; and rein.-con. tide gates in Chinook River, on State Rd. 12, Pacific Co., to Gilpin Constr. Co., Astoria, Ore., $14,690. Grand total $128,345.

Wash., Seattle—Bd. Pub. Wks., concrete sidewalks on 50th Ave. S. et al., to C. L. Creelman, 1079 25th St. N., $49,296, engrs. est. $49,261; also paving 6th Ave. N. E. et al., to Odman Contg. Co., 2534 33rd St. S., $25,152, engrs. est. $27,601.

Ore., Portland—Comrs. Multnomah Co., improving 3,500 ft. St. Helen Rd., to Warren Constr. Co., Yeon Bldg., $33,851, 2 mi. Riverdale Station-Elk Rock Hill Rd., and Cully Rd., to A. D. Kern, 290 East Salmon St., $65,858 and $29,268 respectively; also constructing concrete and steel bridge on Pacific Highway, to R. T. Smith, 290 East Salmon St., $21,859. Grand total $150,838.

Calif., Alhambra—Grading, curbing, sidewalks, and 5 in. concrete paving 9th St., to H. E. Cox, Slavin Bldg., Pasadena, $32,941. Noted Sept. 23.

Calif., Bakersfield—V. Van Riper, city clk., 1½ in. Warrenite bitulithic on 3½ in. asphaltic concrete paving 233,875 sq.ft. Baker St., to Union Paving Co., Call Bldg., San Francisco, $64,638.

Calif., Chino—City Trustees, 4 and 6 in. concrete paving Magnolia Ave., etc., to Griffith Co., Railway Bldg., Los Angeles, $57,119. Noted Sept. 9.

Calif., Los Angeles—Paving, etc., Anaheim St. Viaduct, to Pan Pacific Constr. Co., Citizens Natl. Bank Bldg., $43,445.

Calif., Los Angeles — Curbing, concrete paving, etc., 322,904 sq.ft. Heliotrope Dr. between Santa Monica Blvd. and Melrose Ave., to W. Liddington, 420 East 60th St., $45,813. Noted Sept. 9.

Calif., Los Angeles—Grading, and asphaltic concrete paving 160,000 sq.ft. Bonview Ave., and paving, etc., 9th St. under viaduct between Rio Vista St. and Santa Fe Ave., to Griffith Co., Railway Bldg.,

Streets and Roads (Continued)

approximately $28,990, and $37,600 respectively.

Calif., Los Angeles—Los Angeles Co., Improving 5,387 ft. San Gabriel Blvd., to ... and P. Cristich, 1877 East 3rd. St., $65,687; and 5,725 ft. Foothill Blvd., to ... P. Day Corp., 35 North Raymond Ave., Pasadena, $45,795. Noted Sept. 23.

Calif., Maywood—For 9 in. concrete paving, and ornamental street lighting system on Atlantic Blvd., to R. A. Wattson, 1026 North McCadden Pl., Los Angeles, $111,110.

Calif., Mountain View—To Warren Constr. Co., 28th and Poplar Sts., improving Oakland, Hope and Mt. View Sts., 6,000 cu.yd. excav., at $0.129 per cu.yd., 148,000 sq.ft. grading and surfacing $0.011, 148,000 sq.ft. 1½ in. warrenite on 2½ in. asphaltic concrete surfacing, etc., $0.188. Total $67,799.

Calif., Mt. Shasta — City Trustees, vibrolithic concrete paving McCloud Ave., Chestnut, Orem, Jessie, Ivy and Alma Sts., etc., to Kaiser Paving Co., Amer. Bank Bldg., Oakland, $198,832. Noted Aug. 5.

Calif., San Anselmo—To A. G. Raisch, 46 Kearny St., San Francisco, improving Sias, Madrone, Nokomis Sts., etc., 2,490 cu.yd. excav. at $0.90 per cu.yd., 3,260 sq.ft. concrete paving $0.23, 57,178 sq.ft. asphalt paving $0.19, 60,480 sq.ft. grading, etc., $0.02. Total $26,125.

Calif., Santa Monica — Grading and Warrenite bitulithic paving, etc. Pico Blvd. between Lincoln and Cintinela Aves., to Kneen Paving Co., Dudley Blk., $213,076; grading, Durite asphaltic concrete and warrenite paving Santa Monica Blvd. between Ocean Ave. and Lincoln Blvd., to Griffith Co., Railway Bdlg., Los Angeles, approximately $542,672.

Calif., Ventura — Ventura Co., concrete paving 5,960 lin.ft. Ocean Dr. in Hollywood Beach Tract, 20 ft., to United Concrete Pipe & Constr. Co., P. O. Box, Ventura, approximately $25,600. Noted Sept. 2.

Ont., Hamilton—Will pave with asphalt, and lay sewers in Lloyd and Province Sts., by day labor, under supervision of A. McFaul, engr., City Hall. $35,000.

Ont., Winsdor—Concrete curbing, guttering, and paving Ouellete Ave., to Premier Constr. Co., Windsor, $56,399. Noted Aug. 19.

B. C., Vancouver—For 7 in. concrete paving Southside, Broadway, and Stephens Sts., to Cotton Co., Ltd., False Creek Yards, $37,151.

B. C., Vancouver—For 7 in. concrete paving Beach Ave., to Dawson Wade & Co., Bekins Bldg. $14,750, asphalt paving Pacific St., to Columbia Bitulithic Ltd., 500 Beatty St. $15,911 sidewalks, to G. W. Tedingham, 348 8th Ave. E. $14,892.

Buildings—Commercial

Proposed Work

Mass., Cambridge (Boston P. O.)—STORE and APARTMENT—F. W. McLeer & Co., 1374 Massachusetts Ave., plans 4 story and basement, brick and stone, Mt. Auburn and Dunster Sts. $175,000. Engineer and architect not selected.

Mass., East Boston (Boston P. O.)—THEATRE—A. DiPietro, 424 Hanover St., Boston, plans 1 and 2 story and basement, brick and steel, Maverick Sq. $170,000. Engineer and architect not selected.

Mass., Lynn—STORE and OFFICE—D. A. Donahue, 178 Essex St., Salem, having plans prepared by Ashton, Huntress & Alter, 477 Essex St., Lawrence, 3 story and basement, brick and stone, Market and Andrew Sts., here. $150,000.

Mass., Newton (Ind. br. Boston)—BUSINESS—N. T. Turner, 69 Elmwood St., plans 2 or 3 or more story, brick business block, Washington St. $150,000 or more. Engineer and architect not selected.

Mass., Roxbury (Boston P. O.)—APARTMENT—C. Beran, 27 School St., Boston, having plans prepared by M. E. Levy, 7 Water St., Boston, 3 story and basement, 75 x 115 ft., brick and stone, plain foundation, Forest St., here. $150,000.

Mass., Salem—STORE and OFFICE—D. A. Donahue, 178 Essex St., having plans prepared by Ashton, Huntress & Alter, 477 Essex St., Lawrence, 3 story and basement, brick and stone, 181-183 Essex St. $150,000.

R. I., Providence—THEATRE—J. Conn, c/o Conn Olympia Theatre, having sketches made by T. J. H. Pierce, City Hall, theatre, Broad, Chestnut and Claverick Sts. $1,000,000.

R. I., Providence—THEATRE and BUSINESS—Loew's Inc., 1540 Bway., New York City, plans theatre Page, Pine, Richmond and Weybosset Sts., here. $1,000,000. Engineer and architect not selected.

N. Y., Albany—UNION STATION—See "Railways" under New York.

N. Y., Brooklyn—GARAGE and SERVICE—Brooklyn Edison Co., Pearl St., had plans prepared by McKenzie, Voorhies & Gmelin, 342 Madison Ave., New York City, 6 story, 150 x 500 ft., rein.-con., brick and steel, plain foundation, 4th Ave. and 3rd St.

N. Y., Brooklyn — THEATRE — Loews, Inc., 1540 Bway., New York City, soon takes bids brick, steel and stone, plain foundation, 314 8th St. $550,000. T. W. Lamb, 644 8th Ave., New York City, archt.

N. Y., New York—APARTMENT—H. S. and S. O. Crystal, c/o G. and E. Blum, archts. and engrs., 415 Lexington Ave., having plans prepared 15 story, 100 x 115 ft., brick, steel and stone, plain foundation, East 57th St. $1,000,000.

N. Y., New York — CLUB — New York Athletic Club, 16 East 43rd St., R. M. Thompson, in charge, soon takes bids 25 story, 100 x 200 ft., brick, steel and stone, plain foundation, 7th Ave., 58th and 59th Sts. $7,500,000. York & Sawyer, 100 East 42nd St., archts. Noted Apr. 29.

N. Y., New York — HOTEL — Maurken Realty Co., Inc., c/o M. Deutsch, archt., 35 Maiden Lane, having plans prepared 16 story, 40 x 40 ft., brick, steel and stone, plain foundation, 80 Riverside Dr. $200,000.

N. J., Elizabeth — HOSPITAL — Alexian Brothers Hospital, having plans prepared by L. V. Pohl, 80 Broad St., group hospital buildings. $347,000.

Pa., Phila.—APARTMENT—J. Rabinowitz, 37th and Walnut Sts., having plans prepared by J. Margolis, 15th and Race Sts., 10 story and basement, 62 x 106 ft., rein.-con., brick and steel, plain foundation, 23rd and Walnut Sts. $700,000.

Pa., Phila.—DISPLAY OFFICE—R. P. Benckert, archt., 13th and Chestnut Sts., soon lets contract 2 story and basement, 42 x 115 ft., rein-con. brick and steel, plain foundation, 1301-07 Locust St., for J. Bernhard, 13th and Walnut Sts. $150,000.

Are you making the most of
CONSTRUCTION NEWS
If you are, then you know something about the
CONTRACTORS' INFORMATION BUREAU
The latest word is on page 61. You are cordially invited to tell your equipment needs to the *Contractors' Information Bureau.*
Your requirements will be published without charge in the
CONSTRUCTION DAILY

Pa., Pittsburgh — APARTMENT— Aiken Apartment Corp., 606 Commonwealth Bldg., having plans prepared by Kiehnel, Elliott & Chalfont, 4044 Jenkins Arcade Bldg., 9 story and basement, 110 x 190 ft., brick, steel, limestone, terra cotta and rein.-con., incl. elevators, vapor heating, etc., Center and Aiken Sts. $1,000,000.

Pa., Pittsburgh — APARTMENT — E. Crump, Jr. & W. L. McQuillan, 4031 Bigelow Blvd., having plans prepared 3 story and basement, 30 x 90 x 148 ft., brick and hollow tile, concrete foundation, incl. hot water heating, Bigelow Blvd. and Center Ave. $175,000. Private plans.

N. C., Jefferson—HOTEL—Shatley Springs Hotel Co. plans new hotel. $200,000. Benton & Benton, Wilson, archts.

La., Shreveport — OFFICE — Syndicate, c/o Benson Realty Co., 502 Atkins St., having preliminary plans prepared by Long & Witchell Co., Amer. Bank Bldg., Dallas, Tex., 12 story and basement, 48 x 133 x 150 ft., rein.-con. and steel, incl. freight and passenger elevators, on Travis and Louisiana Sts. $1,000,000.

Tenn., Chattanooga — Y. M. C. A. plans new building. $250,000.

O., Cleveland—CLUB HOUSE—Gables, c/o B. Williams, 901 Swetland Bldg., having preliminary plans prepared by A. C. Wolf, Swetland Bldg., 14 story, brick, steel and concrete, incl. elevators, East 195th St. and Chester Ave. $800,000.

O., Cleveland — STORE, APARTMENT and THEATRE—A. Greenwald & S. H. Stecker, Society for Savings Bldg., having plans prepared by N. Petti, Williamson Bldg., 1 and 2 story, 118 x 220 ft., brick, rein.-con. and steel, incl. steam heating, Lorain Ave. near West 118th St. $350,000.

O., Cleveland—WAREHOUSE and OFFICE—Amer. Radiator Co., 693 Main St., Buffalo, N. Y., 1 story and basement, steel, brick and concrete, East 55th St., here to H. K. Ferguson Co., 4900 Euclid Ave. Archts. est. $150,000.

O., Cleveland Heights (Warrensville P. O.)—STORE and APARTMENT—Statter, De Groot & Haber, Leader Bldg., Cleveland, 3 story and basement, 72 x 118 ft., brick, steel and concrete, incl. steam heating, Mayfield and Green Rds., to J. Miller, 10800 Drexel Ave., Cleveland. Archts. est. $150,000.

O., Hamilton—HOTEL—Hamilton Community, 7 story, 65 x 85 x 165 ft., brick, steel and concrete hotel, incl. 3 elevators, to F. K. Vaughn Building Co., Hamilton, $247,000. Noted Aug. 5.

O., Massillon—OFFICE and STORE—Ohio Pub. Serv. Co. having plans prepared by E. E. Hermann, Massillon, 3 story (ultimately 5 story) and basement, 55 x 90 ft., Mill and Plum Sts. $150,000.

Ind., Indianapolis — APARTMENT — Thornton & Rodecker, 658 Fairfield Ave., having preliminary plans prepared 3 story and basement, 70 x 130 ft., brick and steel apartment. $160,000. Owner's name withheld.

Ind., Indiana Harbor (mail East Chicago)—LODGE—Masonic Lodge, having plans prepared by C. Hetzfield, 75 Dearborn St., Chicago, Ill., brick and steel lodge. $150,000.

Mich., Battle Creek — SANITARIUM — Battle Creek Sanitarium, having plans prepared by M. J. Morehouse, 343 South Dearbourn St., Chicago, Ill., 15 story, 120 x 225 ft., brick, steel and stone addition. $1,500,000.

Mich., Detroit — APARTMENT — Owner, c/o Weidmaier & Gay, archts., 1212 Metropolitan Bldg., having plans prepared 4 story and basement, 91 x 120 ft., brick, steel and stone, plain foundation, incl. steam heating system, Merrill Palmer Subdivision. $300,000.

Mich., Detroit—APARTMENT—Owner, c/o T. C. Hughes, archt., 2615 Joy Rd., having plans prepared 4 story and basement, 62 x 130 ft., rein.-con., brick and steel, plain foundation, incl. steam heating system. $200,000.

Mich., Detroit—HOTEL—Owner, c/o F. E. Hill, archt., 711 Empire Bldg., having plans prepared 4 story and basement, 80 x 200 ft., rein.-con., brick and steel, plain foundation, incl. steam heating system, North Woodward St. $200,000.

Mich., Detroit—OFFICE and STORE—Comstock Investment Co., C. C. Hyatt Co., 1313 Dime Bank Bldg., having plans prepared 30 story and basement, 100 x 200 ft., rein.-con., brick and steel, plain foundation, incl. elevators and steam heating system, Woodward Ave. Engineer and architects names withheld.

Ill., Cicero—THEATRE and HOTEL—Natl. Theatres Corp., 310 South Michigan Ave., Chicago, having plans prepared by J. Eberson, 212 East Superior St., Chicago, theatre and hotel, 22nd St. and 15th Ave. $1,800,000.

Ill., Chicago — APARTMENT — P. F. Olsen, archt., 720 Cass St., prepared plans and takes bids about Sept. 27, 5 story and basement, 87 x 158 ft., rein.-con., brick and stone, Beacon and Leland Sts., for Syndicate, c/o architects. $350,000. Noted July 29.

Ill., Chicago—APARTMENT—Syndicate, c/o A. Proskauer, archt., 159 North State St., having plans prepared and takes bids about Nov. 21, 12 story and basement, 100 x 400 ft., rein.-con., brick and terra cotta, Sheridan Rd. and Granville Ave. $3,000,000.

Ill., Chicago—APARTMENT—Oman & Lilienthal, archts., 64 West Randolph St., masonry and carpentry contract 16 story and basement, 50 x 115 ft., brick and stone, 2130-38 Lincoln Parkway W., to Seipp & Lonergan, 179 West Washington St.; plumbing, to Marcus Weil & Sons, 3222 Easton Ave., heating, to Adelmen Heating Co., 3324 5th Ave., for Lincoln Park West Building Corp., c/o architects. Archts. est. $390,000.

Ill., Chicago—BANK and OFFICE—Garfield Park State Savings Bank, 4004 West Madison St., having plans prepared by D. H. Burnham & Co., 160 North La Salle St.,

Constr. News page 219

Buildings—Commercial (Continued)

and takes bids probably in January, 8 story and basement, 75 x 175 ft., Madison St. near Crawford Ave. $800,000.

Ill., Chicago — CLUB — Medinah Athletic Club, 11 South La Salle St., having plans prepared by W. W. Ahlschlager, 65 East Huron St., and takes bids about Jan. 1, 35 story with tower, 100 x 150 ft., rein.-con., brick and steel, caisson foundation, Michigan Ave. and Illinois St. $5,000,000. Noted Dec. 10.

Ill., Chicago — HOSPITAL — Schmidt, Garden & Erickson, 104 South Michigan Ave., general contract 3 story and basement, 89 x 183 ft., rein.-con., brick and stone addition, 5880 Stoney Island Ave., to C. A. Moses Constr. Co., 133 West Washington St., for Illinois Central Hospital. Archts. est. $300,000. Noted Aug. 12.

Ill., Chicago—HOTEL—T. Bishop & Son, archts., 35 South Dearborn St., preparing plans and take bids about Oct. 25, 16 story and basement, 50 x 150 ft., rein.-con., brick and terra cotta, incl. 3 elevators, vacuum heating system, water pressure system, etc., 1032 North Dearborn St., for Statler Hotel Corp., c/o architects, $1,500,000.

Ill., Decatur—THEATRE—Natl. Theatres, Inc., F. W. Hartze, 304 Associates Bldg., South Bend., Ind., soon takes bids 2 story and part basement, 60 x 140 ft., rein.-con., brick and terra cotta, here. $1,500,000. R. B. Williamson, 405 Bway., Milwaukee, Wis., archt.

Ill., Granite City—HOSPITAL—St. Elizbeths Hospital, c/o Sister Superior, had plans prepared by V. P. Klutho, Syndicate Trust Bldg., St. Louis, Mo., and takes bids early in 1927, 4 story and basement, 49 x 255 ft. and 43 x 83 ft., rein.-con., brick, and steel addition, Madison St. $500,000 up. Noted Sept. 23.

Ill., Harvey—MASONIC—Harvey Lodge 832, A. F. & A. M., c/o W. R. Brandt, 127 154th St., having sketches made 2 and 3 story and basement, rein.-on., brick and stone, 155th and Center Sts. $200,000.

Ill., Murphysboro — COURT HOUSE — Jackson Co., c/o Auditor, election Nov. 2, $375,000 bonds, 3 story and basement, rein.-con., brick and stone court house.

Wis., Beloit—HOSPITAL—City, I. D. Woolsey, chn. building com., Hook Bros. Bldg., plans hospital. $250,000 bonds voted. Engineer and architect not selected.

Wis., Kenosha — APARTMENT — I. H. Benesch, 513 Van Buren St., Milwaukee, having preliminary plans prepared by A. J. Kenny, 513 Van Buren St., Milwaukee, 3 story and basement, 98 x 110 ft., brick and tile, plain foundation, here. $150,000.

Wis., Milwaukee—APARTMENT HOTEL—I. H. Benesch Co., 513 Van Buren St., having plans prepared by A. J. Kenney, 513 Van Buren St., 6 story and basement, 80 x 95 ft., brick, concrete and steel, plain foundation, Eastside. $250,000.

Wis., Milwaukee—BUSINESS and GARAGE—Federal Tire & Supply Co., 503 Bway., plans 2 story and basement, 139 x 135 ft., brick and concrete, plain foundation, National Ave. $150,000. Engineer and architect not selected.

Wis., Milwaukee — WAREHOUSE — Teweles Seed Co., 152 Hanover St., having plans prepared 7 story, 75 x 100 ft., rein.-con. warehouse, plain foundation, Hanover St. $150,000. Fraser Co., 667 East Water St., engr.

Ia., Spencer—HOSPITAL—Clay Co. election Nov. 2, $100,000 bonds, hospital. Total $150,000. R. E. Bucknell, secy. Chamber Commerce.

Ia., Waterloo — THEATRE — Waterloo Orpheum Co., c/o G. E. Pike, Caward Bldg., plans 4 story and basement, 110 x 140 ft., rein.-con., brick, steel and terra cotta, incl. elevator, etc., Commercial St. between 4th and 5th Sts., $350,000. Engineer and architect not announced.

Mo., Joplin—OFFICE—Empire Electric Co. having plans prepared by C. A. Smith, 800 Finance Bldg., Kansas City, 4 story and basement, 120 x 150 ft., rein.-con., brick and stone office. $250,000. Noted Apr. 22.

Mo., Kansas City — GARAGE — Agee-Block Realty & Building Co., 405 Commerce Bldg., having plans prepared by R. Gornall, 3617 Bway., 4 story and basement, 113 x 150 ft., rein.-con., brick and steel, 1307-17 Main St. Approximately $150,000.

Mo., Louisiana—HOSPITAL—Otis Smith Hospital Assn., c/o C. G. Buffum, pres., had plans prepared by G. D. Barnett, Syndicate Trust Bldg., St. Louis, 3 story and basement, rein.-con., brick and stone hospital. $150,000. Noted Aug. 12.

Mo., St. Louis—APARTMENTS—Marget Realty Co., 810 Chestnut St., will build four 3 story and basement, 38 x 54 ft., apartments, 4134-46 Maryland St., by day labor. $150,000. O. J. Popp, 1501 Arcade Bldg., archt.

Constr. News page 220

Mo., St. Louis—COMMERCIAL—B. Dallavalle, 5882 Delmar Blvd., having preliminary plans prepared 8 story and basement, 35 x 91 ft., brick and concrete, Olive St. and Ewing Ave. Private plans.

Mo., St. Louis — HOSPITAL and GARAGE — St. Anthonys Hospital, Grand and Chippewa Sts., takes bids about Oct. 20, 5 story, attic and part basement, 58 x 210 ft. rein.-con., brick and stone addition, also 1 story, 24 x 50 ft. brick and concrete garage, Arkansas and Chippewa Sts. V. J. Klutho, Syndicate Trust Bldg., archts.

Mo., St. Louis — TEMPLE — Tpheris Israel Congregation, c/o S Sigoloff, chn. building com., 261 Cherokee St., having preliminary plans prepared by Rush, Lee & Rush, 6038 Delmar Blvd., 2 story and basement, 88 x 95 ft., brick, concrete and stone, Skinker and Enright Aves.

Tex., Abilene — HOTEL — Abilene Hotel Co., W. G. Swenson, c/o building com. had plans prepared by D. S. Castle Co., 701-4 Alexander Bldg. and soon take bids 9 story and part basement, 100 x 140 ft., rein.-con., brick and stone, plain foundation, Incl. steam heating, passenger and freight elevators, 4th and Pine Sts. $400,000. Noted Aug. 5.

Tex., Amarillo — THEATRE — H. O. Barker, E. O. Thompson, and T. Durlam, having plans prepared by Shepherd & Wiser, 207 Amarillo Bldg., 4 story, 120 x 140 ft., brick terra cotta, stone and rein.-con., incl. steam heating and ventilating, 3rd and Filmore Sts. $350,000.

Tex., Amarillo—THEATRE—J. Mandel & A. Davidson, c/o Consumers Ice Plant, purchased site and plans rein.-con. and brick, theatre, 7th and Tyler Sts. $350,000. Engineer and architect not selected.

Tex., Austin — OFFICE — E. Nalte and associates having plans prepared by Endres & Cato, 831 Bankers Mortgage Bldg., Houston, 10 story and basement, 161 x 188 ft., rein.-con. and brick, 8th and Cong. Ave. $500,000. R. J. Cummins, 727 Bankers Mortgage Bldg., Houston, engr.

Tex., Dallas—MEDICAL ARTS—Cary-Cary-Schneider Investment Co., Medical Arts Bldg., having plans prepared 15 story, 36 x 90 ft., rein.-con., brick and steel top addition to present 4 story garage, incl. 4 elevators, Pacific St. $1,000,000. W. J. Knight, 903-05 Wainwright Bldg., St. Louis, Mo., engr. Architect not announced.

Tex., Dallas — MEDICAL SCIENCE — Z. E. Marvin, Marvin Drug Co., had plans prepared by J. N. McCammon, Inc., engrs. and archts., Southland Life Bldg., 20 story and basement, 85 x 105 ft. and 4 story garage, rein.-con., brick and steel, plain foundation, incl. 7 passenger elevators, Live Oak St. $2,000,000.

Tex., Dallas—RECORD HALL—Dallas Co., F. H. Alexander, judge, having preliminary plans prepared by Lang & Witchell, 300 Amer. Exch. Bank Bldg., rein.-con., stone, and brick, Main and Jefferson Sts. $750,000.

Tex., Pharr—HOTEL—A. L. Kaufman, Tulsa, Okla., having preliminary plans prepared 4 or 5 story, rein.-con., brick and tile, plain foundation, here. $200,000. Private plans.

Tex., Sherman—HOTEL—J. Keiffer, c/o Binkley Hotel, had preliminary plans prepared by J. Tulloch, c/o 213 M & P Bank Bldg., 4 story (ultimately 8 story) and basement, rein.-con. brick and stone, plain foundation, incl. steam heating, 1 elevator, etc. $250,000.

Okla., Guthrie — HOSPITAL—Methodist Church had plans prepared by E. L. Gahl, Southwest Natl. Bldg., Oklahoma City, 4 story and basement, 78 x 110 x 126 ft., rein.-con. and brick, plain foundation, Warner St. $225,000.

Okla., Oklahoma City—HOTEL—R. M. Funk, Herkowitz Bldg., having preliminary plans prepared by P. H. Weathers, Oil Exch. Bldg., 14 story and basement, 75 x 140 ft., rein.-con. and brick, plain foundation, incl. 4 elevators, etc., Grand St., $375,000.

Nev., Fallon—HOTEL—Fallon Hotel Co. having plans prepared by F. J. DeLongchamps, Gazette Bldg., Reno, 3 story brick hotel, here. $150,000.

Ore., Portland — APARTMENT — C. T. Diamond and associates, Astoria, having plans prepared by C. T. Diamond, Astoria, 6 story, 70 x 100 ft., rein.-con. and brick, 28th St. and Sanders Blvd. $300,000.

Calif., Bakersfield—LODGE—Bakersfield Aerie, Fraternal Order of Eagles, plans fireproof lodge. $200,000.

Calif., Beverly Hills—HOSPITAL—C. E. Nelson (interested), 1320 Burton Way, plans Class A hospital, Sunset Blvd. and Cory St. $500,000 or more.

Calif., Eureka — HOSPITAL—Humboldt Co. having plans prepared by F. T. Georgeson, 6th and G Sts., and N. Ackerman, 537 6th St., fireproof hospital. $300,000. Noted Sept. 2.

Calif., Fairfield—MEMORIAL HALL—Solano Co. plans 6 Amer. Legion Memorial Halls. $200,000.

Calif., Glendale—APARTMENTS—M. B. Carpenter, c/o Yale Bros., archts., Glendale Ave. and Colorado Blvd., had plans prepared two story, 50 x 125 ft., brick, South Jackson St. $90,000 each.

Calif., Glendale — HOTEL — Yale Bros., archts., Glendale Blvd. and Colorado Blvd., preparing preliminary plans 3 story brick hotel. $150,000. Owner's name withheld.

Calif., Los Angeles — APARTMENT — E. J. Palmer, c/o W. Bruce, archt., Pacific Natl. Bank Bldg., having plans prepared 3 story and basement, brick, terra cotta and stone, incl. steam heating system, Ambrose Ave. $150,000.

Calif., Los Angeles — APARTMENTS — L. A. Smith, archt., Film Exch. Bldg., preparing plans 5 story and basement, rein.-con., incl. elevators, and incinerator, Hollywood Dist., $250,000; also 4 story and basement, brick and stone, in Wilshire Dist., $150,000. Owner's names withheld.

Calif., Los Angeles — APARTMENT — Yale Bros., archts., Glendale Ave. and Colorado Blvd., preparing plans 4 story and basement brick, Brand Blvd. $150,000. Owner's name withheld.

Calif., Los Angeles—APARTMENT and HOTEL—E. F. Bogardus, c/o Gable & Wyant, archts., 634 South Western Ave., having preliminary plans prepared 3 story and basement, brick and stone, Western Ave. and Sunset Blvd. $200,000.

Calif., Los Angeles — APARTMENT — Walker & Eisen, archts., Western Pacific Bldg., approximately 12 story, rein.-con., Wilshire Blvd., to C. Thoren, 5616 West 41st St., approximately $1,000,000. Owner's name withheld.

Calif., Redlands — CLUB — Y. M. C. A. plans probably rein.-con. club building $150,000 or more. Marston, Van Pelt & Maybury, 25 South Euclid Ave., Pasadena, archts.

Calif., San Diego—OFFICE—San Diego Medical Dental Assn., c/o F. W. Stevenson, archt., San Diego, had plans prepared 14 story and basement, 100 x 100 ft., rein.-con., 3rd and A Sts.

Calif., San Francisco—APARTMENT—Marian Realty Co., 110 Sutter St., will build 5 story and basement, steel, Clay and Gough Sts., by day labor and sub-contracts $200,000 or more. H. C. Baumann, 251 Kearny St., archt.

Calif., Santa Barbara—HOSPITAL—St. Joseph's Home and Hospital had plans prepared by A. B. Hutchason, Van Nuys Bldg., Los Angeles, 4 story and basement, 85 room, rein.-con., East Micheltorena St. $175,000 or more.

Calif., Santa Barbara—HOSPITAL—St. Francis Hospital, 4 story and basement, 90 x 265 ft., rein.-con. and steel, to J. P. Sullivan, 22 West Ortega St., $320,000. Noted Sept. 16.

Calif., Santa Monica—CLUB—Breakers Club of South Calif., Los Angeles, completing 9 story and basement, 125 x 220 ft., rein.-con. and steel, plain foundation, Marine Terrace and Applan Way, here, to A. Bard & Co., 1014 Pacific Natl. Bank Bldg., Los Angeles, $900,000. Noted Mar. 11.

Calif., Santa Monica — CLUB — M. L. Meyers, (promoter Santa Monica Beach Club), Lincoln Bldg., had plans prepared by Postle & Postle, Van Nuys Bldg., Los Angeles, 14 story and basement, 200 x 250 ft., brick, steel and concrete, foot of Santa Monica Blvd. To exceed $1,000,000.

Ont., Ottawa—HOTEL—Canadian Natl. Rys., 230 St. James St., Montreal, Que. C. S. Gzowski, ch. engr., constr., having plans prepared by Warren & Wetmore, 16 East 47th St., New York City, N. Y., addition to Chateau Laurier Hotel, $1,000,000. Noted May 20.

B. C., Nanaimo — HOTEL — Nanaimo Community Hotel, Ltd., c/o Sharp & Thompson, 626 Pender St. W., having plans prepared 7 story, 56 x 100 ft., rein.-con., brick and steel, plain foundation, Front St. $150,000.

Bids Desired

Mass., Cambridge (Boston P. O.) — OFFICE—See "Contracts Awarded."

Mass., Woburn—THEATRE, STORE and OFFICE—See "Contracts Awarded."

N. Y., New York—APARTMENT—See "Contracts Awarded."

N. Y., New York—OFFICE and STORE—See "Contracts Awarded."

Pa., Pittsburgh—HOSPITAL and MEDICAL SERVICE—Oct. 20, by Montefiore Hospital, and Schmidt, Garden & Martin, archts., 104 South Michigan Blvd., Chicago, Ill., 8 story and basement, 41 x 276 ft. hospital, 7 story and basement, 50 x 100 ft., and 40 x 108 ft. medical building, and 72 x 85 ft. power house with 45 x 74 ft.

Buildings—Commercial (Continued)

ving in rear, incl. vacuum steam heating, ll fireproof. $1,500,000. Noted Mar. 18.

Pa., Tyrone—LODGE—Tyrone B.P.O.E. 12, 33 West 10th St., E. V. Pryor, secy. uilding com., taking bids 3 story and base-ent, 80 x 120 ft., brick and steel, lodge, ncl heating, Penna Ave. $150,000. Hersh & Shollar, Commerce Bldg., Altoona, archts.

O., Cleveland—COMMUNITY—Oct. 4, by Hubbell & Benes, archts., 4500 Euclid Ave., story, 48 x 108 ft., and 9 story, 38 x 124 t., brick, steel, concrete, incl. steam heat-ng, elevators, and incinerator, 4450 Cedar Ave., for Phillis Wheatley Assn 2269 East 40th St. $800,000.

Mich., Fordson—ADMINISTRATION and GARAGE—Ford Motor Co., Highland Park, taking bids, 152 x 365 ft. administration building, and 96 x 200 ft. garage, both 1 story, rein.-con., brick and steel, plain foun-dation, incl. steam heating system. A. Kahn, 1000 Marquette Bldg., Detroit, archt.

Wis., La Crosse — HOTEL — Oct. 2, by O. J. and R. E. Sorensen, archts., 226 Main St., remodeling 7 story hotel, here, for Hunt Hotel Co., 3rd and State Sts. $250,000.

Wis., Waupun—CITY HALL—Oct. 15, by R. Zimmermann city clk., 2 story, 106 x 110 ft., brick and tile, Bedford stone or terra cotta, plain foundation. $150,000. Auler & Jensen, F.R.A. Bldg., Oshkosh, archts. Noted July 15.

Minn., St. Paul—HOSPITAL—Oct. 5, by Childrens Hospital Assn., c/o W. H. Ramsey, 459 Lowry Bldg., 4 story and basement, rein.-con., brick, stone and slate hospital, incl. steam heating, and 4 ele-vators, Pleasant Ave. $250,000. C. H. Johnston, 360 Robert St., archt.

Ark., Hot Springs—HOSPITAL—Oct. 6, by H. P. Hess, archt., 1237 North Taylor St., St. Louis, Mo., 5 story and basement, 40 x 272 ft. and 50 x 150 ft. wing, also 1 story wing for laundry and kitchen, rein.-con., brick, steel and terra cotta, incl. 3 elevators, etc., for Sisters of Mercy Hos-pital, c/o G. A Callahan, chn. $750,000. Noted July 8.

Mo., St. Louis — APARTMENTS — See "Contracts Awarded."

Colo., Denver—CITY HALL and COURT HOUSE—Oct. 29, by Allied Architects Assn. of Denver, Insurance Bldg., 4 story and basement, 350 x 500 ft., granite, steel, marble and tile, Civic Center, for Municipality. $4,500,000. Noted Aug. 20, 1925.

Calif., Los Angeles—THEATRE, STORE, APARTMENT and HOTEL—L. A. Smith, archt., Film Exch. Bldg., taking bids 4 story, 80 x 144 ft., rein.-con., incl. elevator and incinerator, South Sichel St., for United Income Properties, Inc. $200,000.

Calif., San Francisco — APARTMENT — See "Contracts Awarded."

Bids Received

N. Y., Brooklyn—HOSPITAL, etc.—B. S. Coler, comr. Dept. Public Welfare, Munici-pal Bldg., New York City, general contract, new wing and laboratory at Kings County Hospital, here, from F. J. Cogswell, 50 Union Sq., New York City, $266,500; plumb-ing, from Nally Plumbing & Contg. Co., 177 West 97th St., New York City, $41,000; heating, from Heat Control Serv., Inc., 759 Park Pl., $40,773; and refrigeration, from Wiese Laboratory Furn. Co., 104 5th Ave., New York City, $49,121. Noted Sept. 16.

D. C., Wash.—JAIL—District Comrs., District Bldg., Sept. 17, jail addition, from G. E. Wyne, 29th and Calvert Sts., $282,-700. Noted Sept. 9.

Miss., Pascagoula—HOTEL—Pascagoula Hotel Co., J. W. Watts, secy., general con-tract 4 story, rein.-con., stucco and tile, Beach Front and Washington St., from Collins Bros. Constr. Co., Biloxi, $202,000. Archts. est. $225,000.

Calif., Redwood City — TUBERCULAR PREVENTORIUM—City of San Francisco and San Francisco Co., Sept. 15, general contract tubercular preventorium at Pulga tunnel, near here, San Mateo Co., from J. A. Bryant, 185 Stevenson St., San Fran-cisco, $176,660; plumbing, from Latourette-Fical Co., Berkeley, $29,000.

Calif., Richmond—WAREHOUSE—Stand-ard Sanitary Mfg. Co., 1000 Brannan St., San Francisco, taking bids 3 story, rein.-con. warehouse, from P. J. Walker Co., Sharon Bldg., San Francisco, approximately $350,000. Noted Sept. 16.

Contracts Awarded

Mass., Cambridge (Boston P. O.) — OFFICE—Snider & Druker, 18 Tremont St., Boston, will build 10 story, brick and steel, Central Sq., by day labor. $300,000. Blackall, Clapp & Whitemore, 31 West St., Boston, archts. Noted Aug. 26.

Mass., Fitchburg — WARD, POWER HOUSE and LAUNDRY—Burbank Hos-pital, 2 story and basement, 37 x 183 ft., brick and steel, Nichols St., to G. A. Fletcher & Co., 215 Blossom St., $227,568. Noted Sept. 2.

Mass., Framingham—MEMORIAL AUDI-TORIUM and TOWN HALL—Town, 2 story and basement, brick and stone, plain foundation, Concord St. and Union Ave., to J. J. Prindiville, Prindivelle Bldg.; heat-ing and ventilating, to Pierce & Cox, 143 Kingston St., Boston, $43,050. Noted Sept. 23.

Mass., Woburn—THEATRE, STORE and OFFICE—E. M. Dangel, 18 Tremont St., Boston, will build 2 story and basement, brick and steel, plain foundation, Pleasant and Federal Sts. $150,000. Work will be done by separate contracts. G. E. Robin-son, Chamber of Commerce Bldg., Boston, archt.

R. I., Providence—BANK and OFFICE—Industrial Trust Co., 49 Westminster St., 26 story, 144 x 200 ft., bank and office, 123-141 Westminster St., to Starrett Bros., 292 Madison Ave., New York City. Noted Sept. 23.

Conn., Bridgeport—HOTEL—Hotel Strat-field, 1234 Main St., 8 story, 50 x 160 ft., brick, steel and stone, incl. elevators, to T. J. Pardy Constr. Co., 1481 Seaview Ave. Archts. est. $300,000.

Conn., East Hartford (br. Hartford)—THEATRE — Amusement Realty Co., 2 story, 85 x 200 ft., brick, steel and terra cotta, Main and Bissell Sts., to Wise & Upson, Inc., Hartford. Archts. est. $150,000.

Conn., Hartford—THEATRE and STORE —J. B. Pearston, 20 Raymond Rd., West Hartford, 2 story and basement, 70 x 200 ft., brick, steel and stone, Farmington Ave., to G. M. Gregory, 23 Vernon St. Archts. est. $250,000.

Conn., New London — EXCHANGE — Southern New England Telephone & Tele-graph Co., 73 Washington Ave., 3 story and basement, brick and steel, to H. Wales Lines Co., 134 State St., Meriden. Archts. est. $200,000. Noted Aug. 26.

N. Y., Brooklyn—OFFICE and DISPLAY ROOM — Brooklyn Union Gas Co., 176 Remsen St., 2 story, brick, steel and stone, plain foundation, Atlantic Ave., to J. and P. Deeves & Bro., 103 Park Ave., New York City. Archts. est. $350,000.

N. Y., Brooklyn — STORAGE — Sinclair Oil Refining Co., 45 Nassau St., New York City, rein.-con., brick and steel, plain foundation, Grand St. and Newtown Creek, to Fisher Williams Corp., 103 Park Ave., New York City. Engrs. est. $500,000.

N. Y., New York — APARTMENT — Lawrey Realty Co., Inc., c/o Springsteen & Goldhammer, archts., 32 Union Sq., will build 5 story, brick, steel and stone, plain foundation, Marble Hill Ave., by day labor. $200,000.

N. Y., New York — APARTMENT — Thomas Holding Corp., 132 East 19th St., 16 story, brick, steel and stone, plain foundation, foot East 52nd St. and East River, to T. E. Rhoades Constr. Co., Inc., 342 Madison Ave. Archts. est. $500,000.

N. Y., New York—APARTMENT—Duo Building Corp., c/o J. M. Felson, archt., 250 West 57th St., will build 6 story, brick, steel and stone, plain foundation, Gerard Ave., by day labor. $350,000.

N. Y., New York—APARTMENT—Ladem Constr. Co., c/o L. Stillman, archt., 1993 Jerome Ave., will build 6 story, brick, steel and stone, plain foundation, Longfellow Ave., by day labor. $325,000.

N. Y., New York—OFFICE and STORE —A. E. Lefcourt, 1359 Bway., will build 25 story, brick, steel and stone, plain founda-tion, incl. 4 electric elevators, 65 Broad St. $1,000,000. Work will be done by separate contracts under supervision Buch-man & Kahn, archts., 49 West 45th St.

N. Y., West New Brighton (sta. Staten Island) — ARMORY — Armory Bd., City Hall, New York City, armory for head-quarters Troop 51st Cavalry Brigade (Troop F, 1st Cavalry), at Manor and Martling Sts., here, to Staten Island Constr. Co., 56 Bay St., St. George, $206,316. Noted Sept. 23.

N. J., Newark—APARTMENT—Mt. Pros-pect Ave. Co., H. Van Duyne, pres., Kinney Bldg., 10 story, 85 x 155 ft., brick, steel and stone, plain foundation, incl. 3 electric elevators, on Mt. Prospect Ave., to Deak-man Wells Co., 921 Bergen Ave., Jersey City. Archts. est. $800,000.

N. J., Newark—STORE and OFFICE—Branford Holding Co., Broad St., F. Briscoe, pres., will build 3 story, 138 x 265 ft. store and office building, with vapor heating system, Branford Pl. between Halsey and Washington Sts. $500,000. Work will be done by separate contracts under owners supervision.

Pa., Greensburg — HOSPITAL — West-moreland Hospital Assn., general contract, 5 story and basement, irregular shaped, brick, steel and cut stone addition, here, to Cavaliers Constr. Co., Greensburg. Archts. est. $280,000. Noted Sept. 9.

Pa., Phila.—FILM EXCHANGE—C. G. Jarvis, 1211 Vine St., 3 story and base-ment, 58 x 90 ft., rein.-con., brick and steel, plain foundation, 12th and Vine Sts., to Davies Constr. Co. (New York) c/o owner.

Pa., Pittsburgh — APARTMENT — J. H. Fester & W. C. Owen, 116 West Ohio St., will build 4 story and basement, 40 x 155 ft., brick and steel, Monterey St. and North Ave., by day labor. $150,000. W. C. Owen, Fidelity Mortgage Bldg., Cleveland, O., archt.

Md., Baltimore—GARAGE—Motor Ramp Garage Co., c/o Parker & Shaffer, archts., 280 Madison Ave., New York City, N. Y., 6 story and basement, 79 x 120 ft., and 22 x 55 ft., rein.-con. and brick, plain foundation, here, to White Constr. Co., Jefferson Bldg., Phila., Pa.

Md., Baltimore—OFFICE and STORE — Medical Arts Building Corp., c/o M. E. Wright, archt., Amer. Nat. Bank Bldg., Richmond, Va., 8 story and basement, 52 x 173 ft., rein.-con., and brick, plain founda-tion, Cathedral and Richmond Sts., to L. Paschall, Amer. Natl. Bank Bldg., Rich-mond, Va. $800,000. Noted July 29.

Tenn., Memphis — HOSPITAL — Baptist Memorial Hospital, 947 Madison Ave., gen-eral contract, 9 story, 43 x 175 ft., brick, stone, tile and terra cotta additional wing, concrete pile foundation, Madison Ave., to Kaucher-Hodges Co., Shrine Bldg., $250,000. Noted Apr. 8.

O., Cincinnati — OFFICE — Chamber of Commerce, East 4th St., 14 story and base-ment, 70 x 170 ft., rein.-con. brick and steel, plain foundation, 4th and Race Sts., to Hodges Constr. Co., 241 Walnut St., $1,-000,000.

O., Cleveland—STORE and OFFICE—M. J. Nathanson and D. Desur, of Douglas Tailoring Co., 2570 Superior Ave., 2 story and basement, 80 x 155 ft., brick, incl. steam heating, Mayfield and Coventry Rds., to Gometz & Neshkes, 2233 East 95th St. Archts. est. $150,000.

Ind., East Chicago—BANK and OFFICE —U. S. Natl. Bank, general contract 3 story and basement, 30 x 120 ft., rein.-con., steel and stone, to H. B. Olney, East Chi-cago; steel, to Inland Steel Co., 38 South Dearborn St., Chicago, Ill. Archts. est. $200,000. Noted Sept. 2.

Ind., Evansville — HOSPITAL — Bd. Trustees of Southern Indiana Hospital for Insane, general contract 3 story and base-ment, rein.-con., brick and steel, to C. Kanzler & Son, Furniture Bldg., $223,000. Noted Aug. 26.

Ind., Gary — HOTEL—E. A. Barger, (owner and contractor), 721 Tyler St., will build 4 story and basement, 60 room, brick and steel, 529 Madison St. Archts. est. $150,000. Private plans.

Ind., Gary — OFFICE — Gary Post-Tribune, 100 West 5th St., general contract brick and terra cotta office, to General Constr. Co., 467 Bway. $150,000.

Ind., Hammond—OFFICE—Roxana Petro-leum Corp., Arcade Bldg., St. Louis, Mo., general contract rein.-con., brick and steel office, to R. C. Clark, Indiana Harbor. Archts. est. $150,000.

Ind., Indianapolis — APARTMENT — Oxford Gables Co., general contract rein.-con., brick and steel, to A. V. Stackhouse, 1016 Fletcher Trust Bldg., $200,000.

Ind., Indianapolis — THEATRE, STORE and APARTMENT — Dearborn — Tenth Realty Co., M. Kelly, pres. City Trust Co., 108 East Washington St., general contract 2 story and basement, 100 x 170 ft., rein.-con., brick and steel, Dearborn and East 10th St., to L. Colvin, Continental Bank Bldg., $150,000. R. L. Hudson, Richmond, lessee.

Mich., Detroit — OFFICE — A. Kahn, archt., 1000 Marquette Bldg., remodeling 8 story, 100 x 320 ft., rein.-con., brick and steel present building into office, incl. steam heating system, Woodward Ave., to Wal-bridge-Aldinger Co., 2356 Penobscot Bldg., for Stormfeltz-Loveley Co., Washington Blvd. Archts. est. $500,000. Noted Aug. 5.

Mich., Detroit — OFFICE—L. Kamper, archt., Kamper Bldg., Cass Ave., 34 story and basement, 64 x 100 ft., rein.-con., brick and steel, caisson foundation, incl. steam heating system, etc., Woodward Ave., to Otto Misch Co., 159 East Columbia St., for Eaton Estate, 204 Woodward Ave. Archts. est. $1,500,000. Noted Sept. 2.

Constr. News page 221

Buildings—Commercial (Continued)

Mich., Muskegon—Foeller, Schober & Stephenson, archts., Green Bay, Wis., general contract 5 story, rein.-con. and brick, plain foundation, Clay Ave., to Storm Constr. Co., Grand Rapids, for Building Com. Y. M. C. A. of Muskegon. $225,000. Noted Aug. 26.

Ill., Aurora—HOTEL—Aurora Building Corp., general contract 19 story and basement, 65 x 85 ft., rein.-con., brick and stone, to H. G. Christman & Co., 2007 East Jefferson St., South Bend, Ind. Archts. est. $1,750,000.

Ill., Chicago — APARTMENT — Do Met Building Corp., c/o M. G. Carnegie, archt., 6 North Clark St., general contract, etc., 4 story, 125 x 130 ft. apartment, 111th Pl. and Vernon Ave., to Carnegie Co., 6 North Clark St. Archts. est. $350,000.

Ill., Chicago — HOTEL — E. J. Meles, archt., 105 West Monroe St., masonry contract, 3 story, 82 x 147 ft., brick, 1226-52 North La Salle St., to A. Lindstrom, 77 West Washington St., for Burbank Building Corp., 1226 North La Salle St., $80,000. Noted Sept. 9.

Wis., Kenosha—BUSINESS and THEATRE—Universal Chain Theatres Corp., C. Laemle, pres., 730 5th Ave., New York City, N. Y., rein.-con., brick and terra cotta, plain foundation, Exchange and Main Sts., to United Studios Co., 28 West Lake St., Chicago, Ill. Archts. est. $500,000. Noted Sept. 2.

Wis., Milwaukee—DORMITORY—A. J. Kenney, archt., 513 Van Buren St., 3 story and basement, 62 x 110 ft., brick, tile and concrete, plain foundation, Clybourn and 15th Sts., to E. C. Knuth & Co., 2907 Fond du Lac Ave., for Beldon Realty Co., c/o architect. Archts. est. $150,000. Noted June 3.

Wis., Milwaukee—STORE and APARTMENT—F. A. Schaetzke, 1385 Lake Dr., superstructure for 8 story and basement, 67 x 143 ft., brick, concrete and terra cotta, Grand Ave., to Raulf Co., 428 Grand Ave. Archts. est. $300,000. Noted Apr. 29.

Neb., Kearney — THEATRE and MASONIC TEMPLE — A. F. and A. M. Lodge, H. A. Webbert, chn. building com., general contract, 4 story and basement, 75 x 130 ft., rein.-con., steel and terra cotta, 24th and Central Sts., to W. Knudsen & Sons, 4512 Franklin St., Omaha. Archts. est. $150,000. Noted Aug. 26.

Mo., St. Joseph — THEATRE — Missouri Theatre Co., S. Harding, vice pres., Davidson Bldg., Kansas City, 2 story, balcony and basement, 75 x 140 ft., rein.-con., brick, stone and terra cotta, Edmond St. between 7th and 8th Sts., to W. J. Assenmacher, 625 North 17th St., Lincoln, Neb. Noted Aug. 5.

Mo., St. Louis—LODGE—South Side Odd Fellows Temple Assn., c/o G. P. Wuest, archt., Wainwright Bldg., 2 story and basement, 54 x 120 ft., rein.-con., brick and stone, 3502 Grace St., to Duffner & Stecker Constr. Co., 119 North 7th St.

Ore., Portland — EXCHANGE — Pacific Telephone & Telegraph Co., 352 Oak St., 6 and 8 story, 100 x 100 ft., brick and steel top addition Park and Stark Sts., to Dougan & Chrisman, Pittock Bldg. Archts. est. $300,000.

Calif., Alameda—HOTEL—Alameda Community Hotel Corp., c/o Chamber of Commerce, rein.-con., Bway., to Jacks & Irvine, 180 Jessie St., San Francisco, $208,576. Noted Sept. 16.

Calif., Los Angeles — APARTMENT — C. W. & L. M. Kriewitzp, Van Nuys Bldg., 4 story and basement, 68 x 150 ft., brick, stucco, and stone, Green St., to W. E. Warne, Rives-Strong Bldg., approximately $159,000.

Calif., Los Angeles—STORE and OFFICE —Parmalee Dohrman Co., 436 South Bway., 8 story, basement, and sub-basement, brick, terra cotta, and steel, Flower St., to Scofield Eng. & Constr. Co., Sun Finance Bldg., approximately $400,000; steel work, to Union Iron Wks., 5125 Santa Fe Ave.

Calif., San Francisco — APARTMENT — H. C. Keenan, 110 Sutter St., will build 6 story and basement, steel and concrete, Turk and Hyde Sts., by day labor and segregated contracts. $175,000. H. C. Baumann, 251 Kearny St., archt.

Calif., San Francisco — APARTMENT — A. Raymond, Flood Bldg., 6 story and basement, rein.-con., Fell and Franklin Sts., to Barrett & Hilp, 910 Harrison St., $250,000.

Calif., San Francisco — STORE and OFFICE—Capitol Real Estate Co., Bank of Italy Bldg., 5 story, class "A" addition, incl. 3 electric elevators, Market and McAllister Sts., to K. E. Parker Co., 138 South Park St., approximately $275,000.

Constr. News page 222

Calif., Santa Barbara — HOTEL — D. Blankenhorn, et al, Pacific Mutual Bldg., Los Angeles, rein.-con. hotel, here, to P. J. Walker Co., Sharon Bldg., approximately $1,250,000. Noted Sept. 23.

Calif., Santa Monica — CLUB — Gables Club, c/o Curlett & Beelman, archts., Union Bank Bldg., Los Angeles, approximately 12 story, rein.-con. club, to Scofield Eng. & Constr. Co., Pacific Finance Bldg., Los Angeles, approximately $1,000,000. Noted Sept. 2.

Buildings—Industrial

Proposed Work

Mass., Boston—SALES and SERVICE—Pierce Arrow Co., 696 Commonwealth Ave., takes bids about Sept. 28, 3 story, 100 x 300 ft., rein.-con., brick and stone, plain foundation, Commonwealth Ave. $400,000. H. C. Cook, 408 Pearl St., Buffalo, N. Y., archt.

Mass., East Cambridge (mail Boston)—BOILER HOUSE—Middlesex Co. Jail, A. Cutting, Court House, Cambridge, having plans prepared by E. C. Brown Co., 220 Devonshire St., Boston, brick and steel boiler house at jail, here. $160,000.

N. Y., Buffalo—FACTORY—Pratt Food Co., 126 Walnut St., Phila., Pa. plans plant addition. Abbott Rd. and Elk St., here. $100,000.

N. J., Trenton — GARAGE, etc. — Niedt-Ertel Motor Co., Broad and Centre Sts., having plans prepared by J. O. Hunt, 219 East Hanover St., 1 story, 65 x 200 ft., brick and steel garage and salesroom. $50,000.

Pa., Phila. — BAKERY — Freihofer Baking Co., 20th and Indiana Sts., plans rebuilding plant, recently destoryed by fire. $500,000. A. B. Comstock, 110 West 40th St., New York City, N. Y., archt.

O., Cleveland—FACTORY—Fuller Cleaning Co., 7606 Carnegie Ave., had plans prepared by Osborn Eng. Co., engrs. and archts., 7016 Euclid Ave., 4 story and basement, 37 x 72 x 90 ft., brick and rein.-con., 7606 Carnegie Ave. $60,000.

O., Cleveland — PACKING HOUSE — Kalman, Kreinberg & W. A. Krasny, 3117 West 63rd St., having plans prepared by M. Weis, 617 Union Bldg., 2 story and basement, brick, steel and concrete, West 65th St. $40,000. Noted Sept. 2.

O., Westerville—REPAIR GARAGE—W. L. Schott, having plans prepared by J. W. Adams, 247 East Broad St., Columbus, 1 story, 60 x 170 ft., steel, brick and concrete repair garage. $40,000.

Wis., Abrams — FACTORY — Nero Development Co., A. Nero, pres., plans 2 story, brick and timber, plain foundation. Engineer and archtect not selected.

Wis., Milwaukee — GARAGE and REPAIR SHOP—Breitbach Auto Co., 142 8th St., plans 1 story, 100 x 133 ft., brick and concrete, plain foundation, National Ave. Engineer and architect not selected.

Ia., Davenport — BAKERY — Campbell Baking Co., H. B. Ward, pres., 285 Madison Ave., New York City, having plans prepared by Clausen, Kruse & Klein, 966 Kahl Bldg., 2 story and basement, 142 x 150 ft., rein.-con. and brick, incl. steam heating, etc., East River St., here. $125,000.

Tex., McAllen — SUB-STATION — Valley Electric & Ice Co., Brownsville, having preliminary plans prepared electric sub-station here. $60,000. Private plans.

Tex., McAllen — ICE PLANT — Valley Electric & Ice Co., Brownsville, having preliminary plans prepared 75 to 100 ton capacity ice plant, brick, steel and concrete. $200,000. Private plans.

Tex., Wichita Falls—COTTON MILL—Western Textile Corp., c/o D. C. McIntyre, Wichita Falls, takes bids after Oct. 1, 2 and 3 story and part basement, 10,000 spindle capacity, rein.-con. and brick, plain foundation. $350,000. Private plans.

Wash., Longview — PAPER MILL — Longview Timber Co. plans paper mill. $2,500,000. Engineer and architect not announced.

Calif., Los Angeles—SHOE FACTORY—Elias-Katz Shoe Corp., 134 North Los Angeles St., San Francisco, having plans prepared by W. D. Lee, Textile Center Bldg., 6 story, 90 x 150 ft., rein.-con. and stucco, incl. sprinkler system and elevators, San Pedro St. $175,000.

Calif., Oakland — FACTORY — Western Drop Forge Co., South Boyle St., Los Angeles, plans factory near 85th Ave. To exceed $40,000.

Calif., San Jose—SUB-STATION—Pacific Gas & Electric Co., 245 Market St., San Francisco, had plans prepared rein.-con. and steel, Fox and Santa Teresea Aves. $500,000. Eng. Dept., c/o owners, engrs.

Calif., Southgate—PAPER FACTORY—Natl. Paper Products Co., 1789 Montgomery St., San Francisco, plans 1 story, 120,000 sq.ft. floor space, paper factory.

Calif., San Francisco—WAREHOUSE—Crane Co., 2nd and Brannan Sts., having plans prepared by L. P. Hobart, Crocker Bldg., 3 story, 100 x 160 ft. rein.-con., 2nd and Brannan Sts.

Alta., Edmonton — PLANT — Western Canada Pulp & Paper Co. soon takes bids plant for converting straw into paper. $300,000.

Sask., Regina — PLANT — Imperial Oil Co., plans equipment and new construction. $500,000.

Bids Desired

Mass., Dorchester (Boston P. O.)—REPAIR and SERVICE GARAGE — H. Chisholm, archt., 46 Cornhill, Boston, taking bids 1 story, 120 x 120 ft., brick, near Edward Everett Sq., here. $50,000. Owner's name withheld. Noted Sept. 16.

Mass., Lawrence — BAKERY — Massachusetts Baking Co., 65 East Cottage St., Roxbury, taking bids altering and construction 1 story and basement, brick addition, plain foundation, Lowell St. $40,000. McFarland & Laurie, 162 Newbury St., Boston, archts.

DAM—ORLAND, CALIF.

Bids were opened by Department of Interior, Bureau of Reclamation, Aug. 18, (lowest four and highest) for Stony Gorge Dam, from (A) Ross Construction Co., Los Angeles; (B) Ambursen Dam Co., Grand Central Terminal, New York; (C) Allied Contractors, Inc., Omaha, Neb.; (D) L. S. Atkinson, Oakland; (E) The J. H. Tillman Co., Santa Barbara. The unit bids are as follows:

	A	B	C	D	E
Diversion and care of creek during construction, and unwatering foundations (lump sum)	$5,000.00	$10,000.00	$10,000.00	$5,000.00	$10,000.00
6,000 cu.yd. excavation: earth and loose rock	2.25	2.00	1.50	4.00	1.50
11,500 cu.yd. excavation: solid rock in all cutoff and buttress footing trenches	5.20	8.00	10.50	5.50	4.00
1,300 cu.yd. excavation: solid rock for outlet works, inspillway bucket and stream bed protection	6.50	8.00	6.00	5.50	5.00
5,000 lin.ft. drilling grout holes: up to 25 ft. deep	2.50	1.50	3.00	2.00	1.00
2,000 lin.ft. drilling grout holes; 25 to 40 ft. deep	4.00	2.50	4.00	3.00	1.50
250 pipe or con. cutting, threading, fitting, placing and anchoring connection pipes in grout holes and for grout connections	4.00	2.00	1.50	2.00	2.00
1,500 cu.ft. pressure grouting	1.00	1.00	2.00	1.00	2.50
4,100 cu.yd. concrete: upstream and downstream cutoffs and buttress footings	9.50	6.00	12.95	12.00	26.00
70 cu.yd. concrete: trash rock structure floors	8.00	6.00	12.00	12.00	26.00
1,100 cu.yd. concrete: stream bed protection and unreinforced portion of spillway bucket	9.30	8.00	12.95	12.00	26.00
650 cu.yd. concrete: mass concrete around outlet gates and in needle valve houses	7.60	6.00	12.95	14.00	26.00
23,500 cu.yd. concrete: buttresses, including tongues and corbels	8.80	10.20	10.45	12.00	26.00
130 cu.yd. concrete: floor of spillway gate operating house	11.00	10.00	12.80	15.00	26.00
150 cu.yd. concrete: parapet on top of dam and piers for 50 inch outlet pipes	13.00	18.00	12.80	30.00	26.00
6,100 cu.yd. concrete: upstream face slab	9.50	8.00	10.80	12.00	26.00
200 cu.yd. concrete: spillway training walls	10.00	15.00	15.80	17.00	26.00
100 cu.yd. concrete: 24-in. circular conduit from 10-in. outlet valve	18.00	20.00	15.80	20.00	26.00
550 cu.yd. concrete: downstream face slab	12.20	14.00	13.80	17.00	25.00

	A	B	C	D	E
530 cu.yd. concrete: walls on top of and through arch, including curb and gutter	13.00	16.00	14.80	18.00	26.00
550 cu.yd. concrete: struts, between buttresses	16.60	18.00	14.80	25.00	26.00
180 cu.yd. concrete: roofs and walls of operating houses	30.00	18.00	16.80	25.00	26.00
8,000 ton-miles hauling fine sand for concrete	.20	.01	.25	.50	.10
1,500,000 lb. hauling, cutting, bending and placing reinforcing steel	.015	.013	.015	.015	.045
185,000 lb. installing and painting 3½x3½ ft. high-pressure gates and operating mechanism	.02	.01	.015	.03	.05
45,000 lb. placing and painting 50-in. steel pipe	.01	.01	.015	.03	.04
23,000 lb. installing and painting 42-in. balanced needle valves and operating mechanism	.02	.01	.025	.03	.06
4,800 lb. installing and painting 10-in. balanced needle valve and operating mechanism	.02	.03	.015	.03	.06
4,000 lb. placing and painting 5-ton gib crane	.03	.06	.04	.03	.04
60,000 lb. placing and painting structural steel in trash rock structures	.015	.01	.015	.03	.04
533,000 lb. installing and painting spillway gates, frames, hoists and operating mechanisms	.025	.01	.0175	.03	.05
2,000 lb. placing and painting spillway gate hoist crane	.03	.06	.04	.03	.05
20,000 lb. placing and painting pipe hand rails	.02	.025	.03	.03	.05
15,000 lb. placing and painting structural steel stairs	.02	.02	.03	.03	.05
Placing and painting doors and windows in gate houses complete with hardware (lump sum)	700.00	150.00	250.00	500.00	200.00
Placing and painting spillway gate house roof trusses and constructing roof complete (lump sum)	750.00	300.00	750.00	1,500.00	400.00
1,000 cu.yd. backfill of selected material in upstream cutoff trench	2.00	1.50	1.00	1.00	1.00
60 lin.ft. placing 6-in. drain in foundation of 42-in. needle valve operating house	.50	.50	1.00	2.00	.60
1,500 f.b.m. hauling and placing timber walk along 50-in. outlet pipe	100.00	30.00	25.00	50.00	50.00
2,500 lin.ft. placing metal conduits and fittings for future electrical wiring, sizes 1-in. and smaller	.20	.10	.10	.10	.10
1,000 lin.ft. placing metal conduits and fillings for future electrical wiring, sizes larger than 1-in.	.20	.10	.12	.15	.15
125 lin.ft. drilling holes for, and placing anchor rods for piers under 50-in. outlet pipes	3.00	1.00	1.00	3.00	1.00
Extended totals	$507.446	$518.904	$634.483	$642.914	$1,174.344

Buildings—Industrial (Continued)

Mass., South Boston (sta. Boston)—PRINTING PLANT—L. Kopczynski, archt., taking bids 2 story, brick; plain foundation, A and 4th Sts. Owner's name withheld. $40,000.

La., Baton Rouge—LABORATORY—Oct. 8, by Wogan & Bernard, archts., Reymond Bldg., 3 story, 60 x 160 ft., concrete and brick highway engineering laboratory, for University of Louisiana. $60,000.

O., Salem—GARAGE—Jan. 1, by E. H. Althouse, 2 story and basement, 160 x 210 ft., brick, East Pershing Ave. and South Lunday St. $75,000.

Mich., Detroit—PAINT PLANT—Weston & Ellington, engrs. and archts., 1507 Stroh Bldg., taking bids 2 story and basement, 60 x 190 ft., rein.-con. and brick, plain foundation, incl. steam heating system, Chicago and Detroit Terminal R.R. tracks, for Ditzler Color Co., 40 West Baltimore St. Noted June 17.

Wis., Adell—DAIRY PLANT—Wieland Dairy Co., 3640 Bway., Chicago, Ill., and R. A. Sutherland, archt., Commercial Bank Bldg., Fond du Lac, taking bids 1 and 2 story, 70 x 228 ft., brick and concrete, plain foundation, here. $50,000. C. S. Whitney, 214 Mason St., Milwaukee, engr. Noted Sept. 23.

Wis., Madison—COLD STORAGE PLANT—Oscar Mayer Packing Co., 1421 Sedgwick Ave., Chicago, Ill., taking bids 2 story, 90 x 145 ft., rein.-con., brick and steel, plain foundation, here. $50,000. Henschein & McClaren, Prairie Ave., Chicago, Ill., archts.

Minn., St. Paul — MANUFACTURING — See "Contracts Awarded."

Tex., Bay City — ICE PLANT — Texas Central Power Co., c/o Frost Bldg., San Antonio, taking bids 1 story, 50 x 89 ft., brick, rein.-con. and steel, plain foundation, here. $75,000. J. Marriott, c/o Frost Bldg., San Antonio, archt.

Tex., Mexia—GASOLINE PLANT—See "Contracts Awarded."

Calif., Long Beach—BAKERY—Suydam Baking Co., taking bids 1 and 2 story, 120 x 125 ft., stone and stucco, incl. steel loading platform and steam heating, Canal and 14th Sts. $70,000. H. E. Burket, 406 A. Pac. S. W. Bank Bldg., archt.

Calif., Los Angeles—PAPER FACTORY—See "Contracts Awarded."

Calif., Santa Barbara—SHOPS—Oct. 11, by Bd. Educ., Santa Barbara High School Dist., 1 story, rein.-con. manual training shops for high school. W. H. Weeks, 369 Pine St., San Francisco, archt.

Contracts Awarded

N. H., Hooksett—POWER HOUSE—See "Unclassified."

Mass., Dorchester (Boston P. O.—FACTORY—Knox & Morse, 140 Oliver St., Boston, 2 story, 75 x 100 ft., brick and steel, plain foundation, 70 Freeport St., here, to C. C. Temple 99 Chauncy St., Boston. Archts. est. $75,000. Noted Sept. 2.

Mass., Fitchburg—POWER HOUSE and LAUNDRY—See "Buildings—Commercial."

Mass., Newton (Ind. br. Boston)—REPAIR and SERVICE GARAGE—Fessenden School, Albermarle Rd., West Newton, 3 story, brick, stucco and terra cotta, to C. C. Fulton & Son, 36 Randolf Rd., Mattapan. Archts. est $40,000. Noted Sept. 2.

Mass., Roxbury (Boston P. O.)—PLANT—Chadwick-Boston Lead Co., 162 Congress St., Boston, 2 story and basement, 65 x 110 ft., brick, plain foundation, 1 Southampton St., here, to J. D. Marr, 384 Dorchester Ave., South Boston. Archts. est. to exceed $40,000.

Mass., Waltham (Ind. br. Boston)—FACTORY—Waltham Grinding Wheel Co., 115 Bacon St., 1 story, rein.-con. addition, plain foundation, to J. Monaghan, 230 Newton St.

N. Y., Jordanville — PLANT — Mohawk Limestone Products Co., 55 x 60 ft., 55 ft. high, and 53 x 80 ft., steel buildings, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland, O. Engrs. est. $40,000.

N. Y., Syracuse — PLANT — Chemical Toilet Corp., 811 Free St., 92 x 362 ft. with 24 x 102 ft. and 21 x 42 ft. side aisles, brick, steel and concrete, Glen Ave. and Delaware, Lackawanna & Western R.R. tracks, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland, O. Engrs. est. $100,000.

Pa., Meadville—FACTORY — Hookless Fastener Co., 2 story and basement brick and steel addition, to Constable Bros., Erie. Archts. est. $40,000. Noted Aug. 26.

Pa., New Castle—FOUNDRY and SHOP—Johnson Bronze Co., general contract, 3 story, 45 x 153 ft. and 1 story, 50 x 153 ft., and 1 story, 50 x 153 ft., brick and steel addition, here, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland, O. Archts. est. $100,000. Noted Aug. 26.

Pa., Phila.—LABORATORY—C. Lennig & Co., Inc., Richmond and Kennedy Sts., 1 story and basement, 26 x 57 ft., brick and steel addition, plain foundation, Richmond and Bridge Sts., to Rumpf & Kohlmeyer, 3538 North Broad St.

Pa., Phila.—SHOPS—H. E. Ehlers, city dir., 1211 Chestnut St., to Golder Constr. Co., 263 South 15th St., general repair shop $870,000, inspection shop $225,000, and entrance building $15,000, all in Fern Rock Terminal Yard, Broad St. Subway, Contr. 127. Grand total $1,110,000. Noted Sept. 23.

Pa., Williamsport—SERVICE GARAGE—Williamsport Buick Co., 406 West 3rd St., 3 story, 100 x 149 ft., rein.-con. and brick top addition to show room and service garage, incl. heating, plumbing, etc., to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland, O. Engrs. est. $100,000.

Va., Norfolk—POWER PLANT—Virginia Electric & Power Co., Norfolk, (1st unit) extension to power plant, incl. 30,000 kw. turbo-generator, three 1,700 hp. boilers, etc., to Stone & Webster, 120 Bway., New York City. Engrs. est. about $2,500,000.

O., Cleveland—FACTORY—Elwell-Parker Electric Co., M. S. Towson, pres. and genl. mgr., 4205 St. Clair Ave., 4 story, 40 x 120 ft., brick and steel, incl. elevator, to Boldt Constr. Co., 1969 East 70th St. Archts. est. $100,000.

O., Columbus — REPAIR GARAGE — Bobb-Chevrolet Co., 990 Parson Ave., 114 x 202 ft., brick and concrete garage, to D. D. Livingston, 743 Linwood Ave., about $65,000.

O., Fairport — MACHINE SHOP and ROUND HOUSE—Fairport & Painesville Eastern R.R. Co., Painesville, J. J. Nash, pres., 1 story, 90 x 180 ft., brick and steel, to Hecker-Moon Co., 8701 Union Ave., Cleveland. Archts. est. $75,000. Noted Sept. 9.

Ind., Indianapolis — PLANT — Marmon Motor Car Co., 1037 North Meridian St., 1 story, 40 x 440 ft., concrete, brick and steel, addition to Plant 3, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland, O. Engrs. est. $40,000.

Ill., Chicago — FACTORY and SHOW ROOM — H. G. Fischer Co., 2355 Wabansia Ave., masonry contract 2 story, 53 x 109 ft., brick, 2323-25 Wabanasia Ave., to F. Dahlstein & Son, 5514 Cullen Ave.; carpentry, to H. Barke-Meyer, 4112 North Parkside Ave. Archts. est. $75,000.

Wis., Antigo — POWER HOUSE — Chicago & North Western Ry. Co., 226 West Jackson Blvd., Chicago, Ill., 1 story, 50 x 107 ft., brick and concrete, plain foundation, here, to J. E. Nelson & Sons, 3240 South Michigan Blvd., Chicago, Ill. Engrs. est. $60,000.

Wis., Cedarburg — FACTORY — Amer. Electric Motors, Inc., 57 Erie St., Milwaukee, structural steel for 1 story, 142 x 166 ft., brick and steel, plain foundation, here, to Milwaukee Bridge Co., 1400-34th St., Milwaukee. Noted Aug. 12.

Wis., Cedarburg — FACTORY — Amer. Electric Motors, Inc., 57 Erie St., Milwaukee, contract (except structural steel) 1 story, 142 x 166 ft., brick and steel, plain foundation, here, to Saukville Concrete Products Co., Saukville. Noted Sept. 23.

Wis., Kenosha—FACTORY—Nash Motors Co., Edwards St., 1 story, 100 x 600 ft., brick and steel addition, to Warden-Allen Co., 208 South La Salle St., Chicago, Ill. Archts. est. $100,000. Noted Sept. 9.

Wis., Milwaukee — FACTORY — Wesley Steel Treating Co., 651 South Pierce St., 2 story and basement, 30 x 78 ft., brick and concrete, plain foundation, South Pierce St., to United Builders, 128 Grand Ave. Archts. est. $40,000.

Wis., Milwaukee—STRUCTURAL SHOP—Chain Belt Co., 736 Park St., 1 story, 120 x 310 ft., brick and steel, plain foundation, 39th Ave. and Orchard St., to Dahlman Constr. Co., 456 Bway. Noted Sept. 2.

Wis., New Glarus—STORAGE PLANT—Standard Oil Co., 414 Sycamore St., Milwaukee, general contract 1 story, 60 x 150 ft., rein.-con. and brick, plain foundation, here, to S. A. Haugen, Orfordville.

Wis., New London—FACTORY—Menzie Shoe Co., Superior St., Fond du Lac, 1 story, 100 x 250 ft., brick and steel, plain foundation, to Schoenrock Bros., New London. Archts. est. $55,000. Noted Sept. 2.

Wis., Racine—FACTORY—Harvey Spring & Forging Co., 17th St., 1 story, 52 x 160 ft., brick and steel addition, plain foundation, 17th St., to Nelson & Co., 408 Janes Blk. Archts. est. $40,000.

Wis., Sheboygan — PLANT — Northern Furniture Co., South Water and New Jersey Sts., 1 story and basement, 85 x 103 ft., rein.-con., brick and steel plant and dry room, to Booth Contg. Co., Sheboygan. Archts. est. $50,000.

Wis., West Allis — SHOPS — Allis-Chalmers Mfg. Co., 62nd and Natl. Aves., altering 2 story brick and timber shop, to Klug & Smith Co., 69 Wisconsin St., Milwaukee. Archts. est. $50,000.

Minn., St. Paul — MANUFACTURING — Amer. Can. Co., 747 Prior Ave., will build 3 story and basement, 100 x 130 ft., rein.-con. and brick addition, incl. steam heating, 747 Prior Ave., by day labor. $125,000. Private plans.

Mo., St. Louis — NEWS DEPOT — St. Louis News Co., Inc., 1008 Olive St., 2 story and basement, 72 x 131 ft., rein.-con. and brick, 14th and Morgan Sts., to John Hill Constr. Co., Syndicate Trust Bldg. Archts. est. $150,000. Noted June 24.

Tex., Mexia — GASOLINE PLANT — Transcontinental Oil Co., will build 300 x 600 ft. casinghead gasoline plant in Nigger Creek oil fields near here, by own forces. $200,000.

Calif., Fresno—MOTOR TRUCK SHOPS—White Co., 11th and Mission Sts., San

Constr. News page 223

Buildings—Industrial (Continued)

Francisco, 1 story, 91 x 200 ft., concrete and brick, South Van Ness Ave., to G. Wagner, 181 South Park St., San Francisco, $42,000.

Calif., Inglewood—FACTORY—Kroeholer Mfg. Co., 5111 South Santa Fe Ave., Los Angeles, 4 story and basement, 170 x 200 ft., rein.-con. and steel, incl. 2 freight elevators, Redondo Blvd., to Winter Constr. Co., 2404 West 7th St., Los Angeles, $130,-250. Noted Sept. 2.

Calif., Long Beach — COLD STORAGE PLANT—Home Ice Co., 7071 Santa Monica St., 5 story, class A construction, Anaheim Rd., from O. Haverlandt, Long Beach, $86,990. Noted Sept. 2.

Calif., Long Beach — COLD STORAGE PLANT — Home Ice Co., Anaheim Rd., 5 story and basement, 75 x 133 ft., rein.-con., Anaheim Rd., to C. Olcester, 415 21st St., San Bernardino, $90,200. Noted Sept. 23.

Calif., Los Angeles—FACTORY—W. D. Lee, (owner, archt. and contractor), will build 6 story, 90 x 150 ft., rein.-con., and stucco, San Pedro St. near 7th St. $175,-000. Elias-Katz Shoe Factory, 134 North Los Angeles St., lessee.

Calif., Los Angeles—PAPER FACTORY—Pioneer Paper Co., 5500 South Alameda St., will build 1 story, 60 x 209 ft., brick and steel, 5500 South Alameda St., by day labor and sub-contracts, under supervision of J. H. Plunkett, genl. mgr. $125,000.

Calif., San Francisco—SHOPS—Anderson-Smith Motor Co., Bush and Van Ness Aves., 2 story, rein.-con., Mission St. near Army St., to Barrett & Hilp, 918 Harrison St., approximately $200,000.

B. C., New Westminster—BREWERY—Westminster Brewery Ltd., 6 story, 48 x 50 ft., rein.-con. and steel addition, to Smith Bros. & Wilson Ltd., 850 Hastings St. W., Vancouver, $50,000.

Buildings—Educational, Religious

Proposed Work

N. H., Tilton—HALL and DORMITORY—Tilton School, G. A. Fairbanks in charge, having sketches made by Hutchins & French, 11 Beacon St., Boston, 2 or more story recitation hall and dormitory, School St. $150,000 or more.

Mass., Boston — DORMITORY — Boston University School of Religious Education, 20 Beacon St., W. S. Athearn, dean, raising $500,000 funds and having sketches made by Blackall, Clapp & Whittemore, 31 West End St., brick dormitory, Mt. Vernon and Joy Sts.

Mass., Braintree — SCHOOL — Town, School Com., takes bids after Oct 1, 2 story and basement, brick and stone, plain foundation, Cleveland St. $150,000. J. Craig, 45 Bromfield St., Boston, archt. Noted Aug. 12.

Mass., Cambridge (Boston P. O.) — SCHOOL — St. Peters Parish, P. H. Callahan, pastor, having plans prepared by W. F. Colleary, 80 Boylston St., Boston, 2 story and basement, brick and steel, Buckingham St. $175,000. Noted Sept. 2.

Mass., Dorchester (Boston P. O.) — SCHOOL—Owner, c/o M. E. Levy, archt., 7 Water St., having sketches made 3 story and basement, brick school. $150,000.

Mass., Gloucester—SCHOOL—St. Ann's Roman Catholic Church, M. D. Kelley, pastor, having sketches made by Phillips & Halloran, 191 Main St., 2 story and basement, brick and stone, Essex St. $150,000.

R. I., East Greenwich—SCHOOL—Town, J. D. Miner, ch. com., had plans prepared by W. Walker & Sons, 49 Weybosset St., Providence, 2 story and basement, 16 room, brick and steel, 1st Ave. $250,000.

R. I., East Providence (br. Providence) —HIGH SCHOOL—Town, J. D. Oldham, supt. schools, having plans prepared by W. R. Walker & Sons, 49 Weybosset St., Providence, Junior High School, brick and steel, Wheldon Ave., $350,000.

R. I., Pawtucket—CHURCH—St. Mary's Syrian Greek Parish, c/o F. Chiaverini, archt., 32 Bway., Providence, having plans prepared brick and stone, High St. $150,000.

R. I., Providence — DORMITORY and CLASS ROOM—House of Good Shepard, Sister Mary Francis in charge, having preliminary plans prepared by A. J. Murphy, 146 Westminster St., 2 story, brick, Eaton St. $150,000.

Conn., Torrington—CHURCH and PARISH HOUSE—St. Peter's Parish, S. Bonforti, pastor, having plans prepared by D. A. Guerriero, 1029 Main St., Hartford, 2 story, 65 x 112 ft., brick and steel, plain foundation, East Main St. $150,000.

N. Y., Port Washington—HIGH SCHOOL—Defeated $750,000 bonds, brick, steel and stone, plain foundation. Delano & Aldrich, 126 East 38th St., New York City, engrs. and archts. Noted Feb. 4.

Pa., Indiana — GYMNASIUM — Indiana State Normal School having plans prepared by Lowrie Green & Co., 116 Locust St., Harrisburg, 1 story and basement, 65 x 190 ft., brick, steel and rein.-con. gymnasium. $185,000.

Del., Wilmington—HIGH SCHOOL—Del. School Auxiliary Assn., Dupont Bldg., takes sub-bids about Sept. 28, 2 story and basement, 150 x 250 ft., rein.-con., and brick, plain foundation. Guilbert & Betelle, 20 Branford Pl., Newark, N. J., archts.

Ohio — SCHOOLS, etc. — Summit Co. (Akron), election Nov. 2, $80,000 bonds, school site and buildings in Silver Lake Village; $75,000 bonds detention home in Akron; $140,000 bonds, high school, Green Twp.; $200,000 bonds, new school buildings, Hudson Twp.; and $125,000 bonds, school, Barberton City.

O., Cleveland Heights (Warrensville P. O.) — HIGH SCHOOL — Election Nov. 2, $800,000 bonds, Junior High School, rein.-con., brick and steel, also additions to Boulevard and Fairfax Schools, for Bd. Educ., W. G. Nesbit, dir., 1781 Lee Rd. Engineer and architect not selected.

O., Cuyahoga Falls — SCHOOLS — Summit Co. (Akron), election Nov. 2, $350,-000 bonds, sites and buildings, here, for Bd. Educ.

O., East Cleveland (br. Cleveland)—HIGH SCHOOL—Bd. Educ. having plans prepared by F. C. Warner & W. R. McCornack, Bulkley Bldg., Cleveland, and W. Watson & Associates, 4614 Prospect Ave., Cleveland, Junior High School, 3 story and basement, brick, steel and concrete. $750,000.

O., Kent—LIBRARY—Bd. Trustees Kent Normal College, rejected bids Sept. 3, 2 story and basement, 100 x 125 ft., stone, concrete and steel library. $250,000. Will readvertise. Noted Sept. 16.

O., Lakewood (br. Cleveland)—SCHOOL—Election Nov. 2, $275,000 bonds, 3 school additions, incl. swimming pool, at Lakewood High School, for Bd. Educ., G. W. Grill, clk., 1456 Warren Rd. Engineer and architect not selected.

O., Tiffin—CHURCH—Trinity Reformed Church having plans prepared by Nicklas & Rodrick, 1227 Prospect Ave., Cleveland, 1 story, 100 x 170 ft., stone, steel and concrete, incl. steam heating system. $250,000.

O., Zanesville—SCHOOL—Election Nov. 2, 2 story, 20 room, brick, steel and concrete, for Bd. Educ., W. C. Weaver, clk., 2012 Maple Ave. $200,000. J. H. McDowell, Bulkley Bldg., Cleveland, archt.

Ind., East Chicago—CHURCH—Baptist Church, A. Rhodes, pastor, having plans prepared by W. Ellwood, Christman Bldg., South Bend, brick church. $150,000.

Mich., Detroit—SYNAGOGUE—S. Zedek, c/o A. Kahn, archt., 1000 Marquette Bldg., having plans prepared 4 story and basement, 2,100 seating capacity, rein.-con., brick and steel, plain foundation, incl. steam heating system, Chicago Blvd. $750,000.

Mich., Lincoln Park — SCHOOL — Bd. Educ. had plans prepared by J. G. Kastler & Co., 523 Detroit Savings Bank Bldg., Detroit, rein.-con., brick and steel, plain foundation, incl. steam heating system, Dist. 10. $150,000.

Ill., Murphysboro—LIBRARY—Defeated $150,000 bonds, 2 story and basement, concrete, brick and stone library building, for City's Library Bd., c/o City Clerk. New election soon.

Ill., Woodriver—HIGH SCHOOL—Woodriver — East Alton Community High School Dist., L. G. Osborne, supt., having preliminary plans prepared by W. B. Ittner, 911 Locust St., St. Louis, Mo., 3 story, concrete, brick and stone addition. $150,000 and up.

Wis., Madison — CHEMISTRY — Bd. Regents, State University, having plans prepared by A. Peabody, State Capitol, 4 story and basement, 40 x 200 ft., rein.-con., brick and tile addition, plain foundation. $250,000.

Wis., Milwaukee — CHURCH and SCHOOL — St. John de Nepomuk Congregation, 500 4th St., having preliminary plans prepared by La Croix & Memmler, 228 3rd St., 2 story and basement, 52 x 120 ft., and 58 x 80 ft., brick and stone, plain foundation, 36th St. and Auer Ave. $150,000.

Wis., Racine — HIGH SCHOOLS — Bd. Educ., A. H. Schafer, secy., having plans prepared by Croft & Boerner, 1004 Marquette Ave., Minneapolis, Minn., Washington Park High School, South Side, $550,000; also by J. M. Madson, Baker Bldg., Horlick High School, Northside, $350,000; both brick tile and concrete, plain foundations.

Ia., Des Moines—CHURCH—First Baptist Church, H. N. Geistweit, pastor, plans 8 story and basement church, incl. medical clinic, cafeteria, club rooms, gymnasium, dormitories, auditorium, etc. $1,000,000. Engineer and architect not selected.

Minn., St. Paul—SCHOOL—H. A. Sullwood, archt., 107 East 3rd St., soon lets general contract 4 story and basement 62 x 250 ft., rein.-con., brick and stone school, incl. steam heat, Randolph and Cleveland Aves., for College of St. Catharine, Randolph and Cleveland Aves. $250,000. Noted Aug. 12.

Mo., Fayette — COLLEGE — CONSERVATORY OF MUSIC—Central College, Fayette, and Trueblood & Graf, archts., Chemical Bldg., St. Louis, soon lets contract, 2 story and basement, 55 x 103 ft., rein.-con. brick and stone conservatory of music. $150,000. Noted July 29.

Mo., St. Louis—DORMITORY—Washington University, Skinker and Forsythe Sts., takes bids early in 1927, 2 story and basement, 50 x 200 ft., rein.-con., granite and stone, on campus. $175,000. Jamieson & Spearl, 1116 Arcade Bldg., archts. Noted Mar. 25.

Tex., Amarillo—CHURCH—First Baptist Church purchased site and plans 3 story church. $350,000. Address G. L. Yates, pastor.

Tex., Amarillo—CHURCH—Sacred Heart Catholic Congregation, having preliminary plans prepared, 2 story, rein.-con. and brick, plain foundation, 16th and Travis Sts. $250,000. Address T. D. O'Brien, pastor.

Tex., Amarillo—SCHOOLS—Voted $300,-000 bonds new Senior High School, 4 room Ward School and addition East Ward School. G. W. Wadill, secy. Bd. Educ.

Okla., Oklahoma City — CHURCH — Trinity Baptist Church, 1329 West 23rd St., having plans prepared by H. Beauchamp, 3130 Kinmore St., Dallas, Tex., 3 story and basement, 60 x 140 ft., rein.-con. and brick plain foundation, 23rd and Douglas Sts. $200,000.

Ore., Eugene—FINE ARTS—State Building Com., Chamber of Commerce Bldg., Portland, having preliminary plans prepared by Lawrence & Holford, Chamber of Commerce Bldg., Portland, (1st unit) fine arts building, on campus, here. $160,000. Noted Oct. 22.

Calif., Fresno—SCHOOLS—City having plans prepared by Kump & Johnson, Rowell Bldg., Winchell School, $150,000; also by Felchlin, Shaw & Franklin, Patterson Bldg., Edison Technical School, $320,000, both rein.-con.

Calif., Los Angeles — CHURCH and SUNDAY SCHOOL — United Presbyterian Church having plans prepared by Austin & Ashley, Chamber of Commerce Bldg., probably rein.-con., West Blvd. and Washington St. $350,000.

Ont., Toronto—CHURCH—Bloor Street Baptist Church, W. A. Cameron, pastor, 134 Glen Rd., had plans prepared by George Moorehouse & King, 1123 Bay St., 1 and 2 story and basement, rein.-con., brick and steel, plain foundation, incl. steam or air heating system, Heath and Yonge Sts. $400,000. Noted Nov. 2.

Bids Desired

N. H., Nashua—CHURCH—First Church of Christ Scientist, c/o W. M. Butterfield, archt., 801 Beal St., taking bids 1 story and basement, brick and stone church. $150,000. Noted July 22.

Mass., Auburn—SCHOOL—Town, School Bd. taking bids 2 story and basement, brick and stone school. $150,000. M. W. Maloney, 23 Pearl St., Springfield, archt. Noted Sept. 22.

Mass., Boston—LABORATORY—Harvard University, c/o Stevens & Lee, archts., 45 Newbury St., taking bids on revised plans 2 story and basement, brick and stone, plain foundation, Forest Hills Sect. $150,000. Noted Aug. 26.

Mass., South Boston (Boston P. O.) — CONVENT—St. Augustine Roman Catholic Church, J. F. Coppinger, pastor, Dorchester St., taking bids 4 story and basement, brick and stone, plain foundation. E St. $150,000. M. P. Meade, 80 Boylston St., Boston, archt.

Mass., Williamstown—FRATERNITY—Oct. 4, by Phi Gamma Delta, fraternity house, A. Busselle, 347 Madison Ave., New York City, archt. Noted Sept. 23.

N. J., Camden—SCHOOL—Oct. 1, by Bd. Educ., City Hall, 2 story and basement, 138 x 161 ft., rein.-con., brick, plain foundation, 8th and Jackson Sts. Davis, Dunlap & Barney, 1805 Walnut St., Phila., Pa., archts. Former bids rejected. Noted Sept. 9.

Constr. News page 224

Buildings—Educational, Religious (Cont.)

N. J., Nutley—SCHOOL—Oct. 8, by Bd. Educ., Park School Bldg., Franklin Ave., 2 story and basement, 80 x 190 ft. addition to Spring Garden School, South Spring Garden Ave. Guilbert & Betelle, Chamber of Commerce Bldg., Newark, archts.

N. C., Asheville—HIGH SCHOOL—Oct. 11, by Buncombe Co. Bd. Educ., high school, incl. gymnasium, swimming pool, and indoor track for Biltmore Community. $250,000. W. H. Lord, 17½ Church St., archt. Noted Mar. 11.

Fla., Jacksonville—HOME ECONOMICS PRACTICE HOUSE, etc.—Oct. 11 by Florida State Bd. Control, Tallahassee, Home Economics Practice House, and Training School building at Florida State College for Women. R. Weaver, Gainesville, archt.

Mich., Detroit—SCHOOL—Oct. 8, by C. A. Gadd, bus. mgr. Bd. Educ., 1354 Broadway Ave., 2 story and basement, 24 room, rein.-con., brick and steel addition to Boynton School, plain foundation, incl. steam heating system, Visger Ave. $277,500. McGrath, Dohman & Page, 2231 Park Ave., archts.

Wis., Beloit — DORMITORY — Beloit College, L. G. Herold, treas. and L. A. Reinhardt & W. H. Fenton, archts., 347 Madison Ave., New York City, N. Y., taking bids and open same about Oct. 4, 3 story and basement, 52 x 128 ft., brick, steel and concrete, plain foundation. $200,000. Noted Jan. 7.

Minn., Duluth—SCHOOL—Oct. 8, by Bd. Educ., 1st Ave. at 2nd St., C. A. Bronson, secy., 2 story and basement, 60 x 160 ft., rein.-con., brick and limestone, incl. steam and mechanical ventilating system, Allen Ave. $150,000. C. W. Kelly, Lonsdale Bldg., engr. and archt.

Kan., Paola — ADMINISTRATION—Oct. 20, by Ursuline Academy, 3 story and basement, 120 x 230 ft., rein.-con., brick and stone administration building. $300,000. Rose & Ridgeway, 434 Brotherhood Bldg., Kansas City, Mo., archts. Noted July 8.

Calif., Los Gatos—COLLEGE—See "Contracts Awarded."

Calif., Los Angeles—HIGH SCHOOL—Los Angeles Bd. Educ., 2 story, 60 x 140 ft. auditorium, 1 story, 60 x 160 ft. classroom, 35 x 90 ft. manual arts building, also 60 x 150 ft. shop and economics building, rein.-con., brick, tile, terra cotta and marble, Meridian St. and Annadale Blvd., from Saliah Bros. Detwiler Bldg., $254,000.

Calif., Richmond—HIGH SCHOOL—Oct. 25, by Bd. Educ., Richmond High School Dist., six 1 and 2 story, brick buildings. To exceed $350,000. Stone & Warner, 337 17th St., Oakland, archts. Noted Sept. 2.

Calif., Santa Barbara — SCHOOL — Oct. 11, by Bd. Educ. Santa Barbara School Dist., 1 story school, incl. plumbing, heating, and electrical work, etc. $150,000. Soule, Hastings, & Murphy, 116 East Sola St., archts.

Contracts Awarded

Mass., East Northfield—RECITATION—Northfield Seminary, 3 story and basement, brick and marble, campus, to H. Wales Lines Co., 134 State St., Meriden, Conn. Archts. est. $200,000.

Mass., Leominster — HIGH SCHOOL — City, School Bd., Junior High School, 3 story and basement, brick and steel, to C. F. Cunningham Sons Co., 80 Boylston St., Boston, $344,567. Noted Sept. 2.

Mass., Newton (Ind. br. Boston)—LIBRARY—Boston College, 3 story and basement, brick and stone, plain foundation, University Heights, to Walsh Bros., 150 Hampshire St., Cambridge. Archts. est. $150,000. Noted Sept. 16.

R. I., Woonsocket — HIGH SCHOOL — City, Junior High School, 4 story and basement, brick, steel, concrete and stone, plain foundation, to Lamoureux Bros., 546 Park Ave., $567,775; heating and plumbing, to R. Renard, 56 Cumberland St. $88,500. Noted Sept. 16.

Conn., New Haven — FRATERNITY — Zeta Psi, Yale University, brick and stone, York St., to Sperry & Treat, 39 Church St. Archts. est. $150,000 or more. Noted Sept. 16.

N. Y., Sayville — SCHOOL — Bd. Educ., brick, steel and stone, plain foundation, to Staten Island Constr. Co., 56 Bay St., St. George, $239,900. Noted Aug. 26.

N. J., Gloucester — HIGH SCHOOL — Bd. Educ., 32 North Berlin St., A. H. McHenry, secy., general contract 3 story and basement, 135 x 135 ft., rein.-con., brick and steel, plain foundation, to Tonnison Co., 6924 Cresheim Rd., Phila., Pa., $208,000.

Pa., Phila.—CHURCH—Church of Immaculate Conception, M. J. Higgins, pastor, c/o P. A. Monaghan, archt., 1713 Sansom St., 1 story, balcony and basement, 150 x 244 ft., rein.-con., brick, stone and steel, plain foundation, Price and Ardleigh Sts., to D. W. O'Dea, 420 Duncannon St.

Pa., Phila.—HIGH SCHOOL—Bd. Educ., J. D. Cassell, supt. buildings, 19th St., 5 story and basement, 122 x 177 ft., rein.-con. and brick, 16th St. between Wharton and Latona Sts., general contract, to Nelson-Pedley Co., Corn Exch. Bldg., $961,245; electrical work, to Walker & Kepler, 531 Chestnut St., $67,942; heating, to S. Faith & Co., 2427 Penn Ave., $98,634; and plumbing, to F. Wackenhut, 2416 Frankfort Ave., $44,635. Grand total $1,172,456. Noted Sept. 16.

Pa., Pittsburgh — DORMITORY and SCHOOL—Sisters of Mercy, general contract, 2 and 3 story and basement, irregular shaped dormitory and school, to E. A. Wehr, Hiland Bldg. Archts. est. $250,000.

O., Columbus — CONSERVATORY and DORMITORY — Capitol University, 2430 East Main St., music conservatory, brick, steel, concrete and stone, also girls dormitory, brick, concrete and stone, both 3 story, to E. H. Latham Co., 447 Neilson St., $345,000; heating and plumbing, to Elsewein Heating & Plumbing Co., Columbus, $85,000. Noted Sept. 16.

Ind., Gary — NURSES HOME — Gary Methodist Episcopal Hospital, 1600 West 6th St., 3 story and basement, 87 x 140 ft., rein.-con., brick and steel, to Anderson Bros., 515 Bway. Archts. est. $150,000. Noted Aug. 5.

Ind., Indianapolis — SCHOOL — School Comrs., 150 North Meridian St., general contract Grade School 42, rein.-con. and brick, 25th and Rader St., to Service Constr. Co., Castle Hall Bldg., $178,208; heating and ventilating apparatus, to Freyn Bros., 1028 North Illinois St., $38,237. Noted Sept. 23.

Mich., Wyandotte—SCHOOL—E. Hass, secy. Bd. Educ., 126 North Biddle Ave., 2 story and basement, rein.-con., brick and steel, plain foundation, incl. steam heating system, 6th St., to F. R. Patterson Constr. Co., 2631 Woodward Ave., Detroit. Archts. est. $150,000. Noted July 8.

Ill., Urbana—AGRICULTURAL HALL—University of Illinois, general contract 3 story and basement, rein.-con., brick and stone, on campus, to Peterson-Colwell, Inc., 646 Builders Exch. Bldg., Minneapolis, Minn., $317,800. Noted Sept. 16.

Minn., Winona — DORMITORY — St. Theresa's College, 4 story and basement, 50 x 300 ft., rein.-con., brick and stone dormitory, incl. steam heating, on campus, to Heffron & Fitzgerald, Rochester.

Mo., Mexico — HIGH SCHOOL — Bd. Educ., T. J. Williams, secy., general contract 3 story and basement, 90 x 320 ft., rein.-con., brick and stone, here, to J. Cardani & Co., Herrin, Ill., $208,000; heating and plumbing, to C. P. Berger, Mexico, $30,000. Noted Sept. 2.

Mo., St. Louis — CHURCH — Delmar Baptist Congregation, Washington and Skinker Blvds., general contract 3 story and basement, 67 x 125 ft., brick, concrete and stone addition, Washington and Skinker Blvds., to Woerman Constr. Co., Syndicate Trust Bldg.

Mo., St. Louis—SCHOOLS—Bd. Educ., 911 Locust St., general contract 2 story, brick and concrete additions to Long and Roe Scholos, to Dunham Constr. Co., Chemical Bldg., $62,919 and $62,382 respectively; Scruggs and Susan Buder Schools, to George Griffiths Constr. Co., 705 Olive St., $121,600 and $93,900 respectively. Grand total $340,801. Noted Aug. 12.

Okla., Norman—GYMNASIUM—State Bd. Affairs, Capital Bldg., Oklahoma City, 176 x 280 ft., rein.-con., brick and steel, on campus, to D. Tankersley Constr. Co., Sapulpa, $141,375. Noted July 29.

Calif., Los Angeles—SUNDAY SCHOOL—Wilshire Blvd. Congregational Church, Wilshire Blvd., 2 story and basement, rein.-con. and stucco, Wilshire Blvd., to W. L. Jensen, 5203 West 21st St., $150,000 cost plus percentage basis.

Calif., Los Gatos — COLLEGE — Jesuit Order, will build rein.-con. additions, by day labor and sub-contracts, under supervision H. C. Miller, supt. constr., 2450 Seminary Ave., Oakland. $250,000.

Contractors' Information Bureau

For you to use

IF YOU are in the market for any machinery equipment or materials, we will list your wants *free of charge* in the *Construction Daily*—where they will be seen by the most progressive group of equipment and materials producers in the country.

A. W. Welch,
ENGINEERING NEWS-RECORD,
Tenth Ave. at 36th St., New York, N. Y.

I am interested in the following:

.....

.....

.....

.....

Name .....

Address .....

Constr. News page 225

Buildings—Educational, Religious (Cont.)

Calif., San Francisco— COLLEGE — St. Ignatius College, Fulton and Stanyan Sts., 3 story and basement, rein.-con., Fulton St., to Barrett & Hilp, 918 Harrison St., approximately $300,000.

Federal Government Work

Proposed Work

Tex., Galveston—Hospital—Treas. Dept. at office Supervising Archt., Wash., D. C., had surveys made 2 and 3 story and basement, rein.-con., brick and stone, plain foundation, here. $500,000. J. A. Wetmore, superv. archt.

Tex., San Antonio—Barracks—War Dept., Wash., D. C., will take bids within 60 days, 3 story and basement, rein.-con. and brick, plain foundations, at Fort Sam Houston Reservation, here.

Bids Desired

New York—Wharf—Spec. 5222—Oct. 13, by Bureau Yards & Docks, Navy Dept., Wash., D. C., repairing and improving wharf, at Fort Lafayette. L. E. Gregory, ch. Bureau., adv. E. N.-R. Sept. 30

N. J., Newark—Dredging—Oct. 29, by U. S. Engineer, 2nd Division, Army Bldg., New York City, dredging in Newark Bay, here; adv. E. N.-R. Sept. 30.

Pa., Erie—Remodeling—Oct. 14, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here.

Pa., Marcus Hook — Wharf — Oct. 15, by Treas. Dept., at office Supervising Archt. Wash., D. C., wharf, etc., here.

Fla., Key West—Steel Tank Bottom—Spec. 5271—Oct. 13, by Bureau Yards & Docks, Navy Dept., Wash., D. C., new bottom for steel tank, at Naval Operating Base, here.

Miss., Oxford—Wiring—Oct. 11, by Treas. Dept., at office Supervising Archt., Wash., D. C., conduit, wiring and lighting system at U. S. Post Office, here. J. A. Wetmore acting superv. archt.; adv. E. N.-R. Sept. 30.

La., New Orleans—Earthwork—Oct. 12, by U. S. Engineer Office, approximately 100,000 cu.yd. earthwork in Pontchartrain Levee Dist.

Tenn., Memphis—Survey Boat—Nov. 1, at office district engineer Mississippi River Comn. Dredging Dist., P. O. Box 1017, diesel sternwheel survey boat, adv. E. N.-R. Sept. 30.

Wis., Janesville — Remodeling — Oct. 18, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here.

S. D., Hot Springs — Water Softening Plant — Oct. 19 by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., water softening plant at National Home for Disabled Volunteer Soldiers, Battle Mountain Sanitarium, here. J. E. Price, acting ch. constr. div.

Wyo., Sheridan—Waterproofing—Oct. 26, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., waterproofing reservoir at U. S. Veterans' Hospital 86, Fort MacKenzie, here. J. E. Price, acting ch. constr. div.

Tex., Legion—Deep Wells—Oct. 12, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., deep well construction at U. S. Veterans Hospital 93, here. L. H. Tripp, ch. constr. div.

Colorado—Road—Oct. 7, by J. W. Johnson, dist. engr. Bureau Pub. Rds., Custom House Bldg., Denver, grading, etc. 6.9 mi. Glacier Park-Bear Lake Natl. Park Road Project, Larimer Co.

Idaho, Boise—Refrigerating Plant—Oct. 26, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., refrigerating plant at U. S. Veterans Hospital 52, here. J. E. Price, acting ch. constr. div.

Bids Received

N. C., Durham—Remodeling — Treas. Dept. at office Supervising Archt., Wash., D. C., Sept. 21, remodeling U. S. Post Office, here, from Agostini Bros., Arcade Bldg., Norfolk, Va., $15,648.

Fla., Lake City—Wire Fence—U. S. Veterans' Bureau, Arlington Bldg., Wash., D. C., Sept. 21, constructing wire fence and gates at U. S. Veterans' Hospital, here, from Cyclone Fence Co., 796 Frelinghuysen Ave., Newark, N. J., (1) $8,900 (2) $5,169. Noted Aug. 26.

Constr. News page 226

Ill., Freeport—Remodeling—Treas. Dept., at office Supervising Archt., Wash., D. C., Sept. 24, remodeling U. S. Post Office, here, from W. D. Lovell, 1415 Southeast 8th St., Minneapolis, Minn., $14,743. Noted Sept. 16.

Ia., Des Moines — Remodeling — Treas. Dept. at office Supervising Archt., Wash., D. C., Sept. 17, remodeling U. S. Post Office, here, from King Lumber Co., Charlottesville, Va., $4,417. Noted Sept. 2.

Idaho—Turbine, etc.—Bureau Reclamation, Dept. Interior, Denver, Colo., Sept. 1, 3,500 hp., 200 r.p.m. and 3,500 hp. 225 r.p.m. turbines for 6th unit Minidoka Power Plant, Minidoka Project, here, from Newport News Shipbuilding Co., Newport News, Va., $21,745 and $20,960 respectively; 3,000 kva. 200 r.p.m. generator, and switchboard, from Allis-Chalmers Mfg. Co., West Allis, Wis., $22,250 and $3,775; 3,000 kva. 225 r.p.m. generator, from General Electric Co., Erie, Pa., $19,000; four 1,000 kva. O.L.S.C. transformers, from Packard Electric Co., Warren, O., $10,216; 33 kv. breakers, from Pacific Electric Co., 5815 3rd St., San Francisco, Calif., $7,480. Noted Aug. 5.

Contracts Awarded

Mass., Northampton—Remodeling—Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling and enlarging U. S. Post Office, here, to C. H. Holmes Constr. Co., 67 Bonan St., Somerville, $8,497. Noted Sept. 23.

N. Y., Northport—Hospital—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., elevators at U. S. Veterans Hospital, here, to Otis Elevator Co., 810 18th St. N. W., Wash., D. C., $19,983. Noted Aug. 5.

N. Y., Syracuse—Excavating, etc.—Treas. Dept. at office Supervising Archt., Wash., D. C., excavating and foundation walls for U. S. Post Office, here, to J. H. Gallup Co., Inc., Merchants Bank Bldg., $25,495. Noted Sept. 23.

N. J., Lake Denmark (mail Hibernia)—Buildings — Spec. 5276 — Bureau Yards & Docks, Navy Dept., Wash., D. C., temporary buildings at Naval Ammunition Depot, here, to Waldemar Mortensen, Inc., 405 Lexington Ave., New York City, $30,400. Noted Sept. 23.

D. C., Wash. — Boiler — U. S. Veterans' Bureau, Arlington Bldg., new boiler at U. S. Veterans Hospital 32, Mt. Alto, here, Standard Eng. Co., 2129 I St., N. W., $7,100. Noted Aug. 26.

Va., Newport News—Remodeling—Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office and Custom House, to G. Griffiths Constr. Co., 705 Olive St., St. Louis, Mo., $18,987. Noted Sept. 16.

Tenn., Memphis—Earthwork—Mississippi River Comn., 1st and 2nd Dist., 1006 McCall Bldg., items 2, 4, 6, 8, 7, 8, 16 and 17, for levee work in Upper St. Francis, Lower St. Francis and Reelfoot Levee Dists., to T. W. Roach, Memphis, $115,121; items 10 and 11, to Sternberg Dredging Co., Arcade Bldg., St. Louis, Mo., $53,900; item 12, to Lawrence Bros. & Co., Memphis, $31,616; items 13, 14, 15, 22 and 23, to R. T. Clark Co., Inc., J. W. Noble and R. P. Harris, Natchez, Miss., $116,988; and item 21, to Denison & Brown, Memphis, $11,280. Grand total $328,905. Noted Aug. 26.

Ky., Louisville—Beartrap Leaves—U. S. Engineer Office, P. O. Box 72, beartrap leaves for Dams 46 and 50, Ohio River, to Nashville Bridge Co., foot Shelby Ave., Nashville, Tenn., $116,890. Noted Aug. 19.

Illinois—Dikes—U. S. Engineer Office, St. Louis, Mo., concrete dikes near Sulphur Springs and Lucas, here, to Frazier-Davis Constr. Co., Arcade Bldg., St. Louis, Mo. $14,725.

Ill., Great Lakes (mail Waukegon)—Improvements—Spec. 5269—Bureau Yards & Docks, Navy Dept., Wash., D. C., improving Naval Prison, at Naval Training Station, here, to Harman Eng. Co., 844 Rush St., Chicago, Ill., $21,000. Noted Sept. 16.

Wis., Milwaukee—Lockhouse—U. S. Engineer Office, lockhouse at Cedars Lock, Fox River, here, to A. Luckow, Kankauna, $8,400. Noted Aug. 5.

Wis., Portage — Canal — U. S. Engineer Office, Federal Bldg., Milwaukee, 170 ft. rein.-con. lock, 35 ft. in Wisconsin River, here, to M. E. White, 1735 Fullerton Ave., Chicago, Ill., $164,792. Noted Sept. 9.

S. D., Aberdeen — Remodeling — Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here, to Pearson-Regnall Co., 5816 Bway., Chicago, Ill., $17,300. Noted Sept. 16.

Mo., St. Louis—Barges—U. S. Engineer Office, 426 Custom House, 6 steel barges, here, to Amer. Bridge Co., Ambridge, Pa., $93,780, f.o.b. plant. Noted Sept. 23.

Wash., Puget Sound—Surfacing—Spec. 5246—Bureau Yards & Docks, Navy Dept., Wash., D. C., bituminous wearing surface on Pier 6, here, to F. A. Keasal, Tacoma, $13,965. Noted Sept. 16.

FEDERAL POWER COMMISSION

Application for License and Permits

Applications

731—Sunny Point Packing Co., 1102 White Building, Seattle, Wash.—Wants license project on Gunnock Creek, in Tongrass National Forest, Alaska, under Forest Service permit.

732—Tennessee Eastern Electric Co., Johnson City, Tenn.—Wants preliminary permit 3 dams in Nolichucky River, in Greene, Unicoi and Washington Counties.

733—Western Colorado Power Co., Durango, Colo.—Wants license constructing Ouray Plant, in Uncompaghre River in Ouray Co.

734—Western Colorado Power Co., Durango, Colo.—Wants license constructing transmission line system in La Plata, San Juan, San Miguel, Ouray and Montrose Counties, crossing public lands and national forests.

735—A. Duncan, Box 1317, Route 2, Sacramento, Calif.—Wants license minor power project in Forni Creek, Eldorado Co.

736—W. R. Vanderveer, Ophir, Colo.—Wants license constructing power plant in Bilk Creek, San Miguel Co., crossing Montezuma National Forest.

737—Great Western Power Co., 530 Bush St., San Francisco, Calif.—Wants license transmission line in Plumas and Butte Counties, crossing Plumas and Lassen National Forests.

738—J. F. and F. Dover, Stockport, O.—Wants license power project at Government Dam 6, Muskingum River, Morgan Co., originally under War Dept. lease.

Unclassified

Proposed Work

Station — Dorchester (Boston P. O.), **Mass.**—Transit Dept., 1 Beacon St., Boston, making plans 1 story, rein.-con., steel and stone rapid transit station, Savin Hill Ave., here. To exceed $25,000. M. D. Austin, 120 Boylston St., Boston, archt. E. R. Springall, 1 Beacon St., Boston, engr.

Wharves, etc. — New London, Conn.—Beacon Oil Co., 111 Devonshire St., Boston, Mass., plans strengthening and building new wharves on water front and general improvements to buildings, incl. 1,250,000 gal. steel oil tank, Fort Neck. $200,000.

Underpass — Greensboro, N. C. — City aided by property owners plan underpass carrying Greene St. under Southern R.R. tracks. Felheimer & Wagner, 155 East 42nd St., New York City, N. Y., archts.

Swimming Pool—Chagrin Falls, O.—Northern and Southern Ohio Finance Co., c/o C. Ensign, engr. and archt., 505 Fidelity Mortgage Bldg., Cleveland, plans swimming pool, bath and boat house, concrete dam and club house, Solon Rd., here. $250,000.

Signal System, etc.—Cleveland, O.—Election Nov. 2, $110,000 bonds fire alarm signal system, etc.; $115,000 bonds storage batteries and switch boards; $30,000 bonds 22 mi. underground lead cable; $100,000 bonds police and fire signal shop and traffic division station, etc. W. R. Hopkins, city mgr.

Foundation — Chicago, Ill. — Medinah Athletic Club, 11 South La Salle St., soon lets contract caisson foundation for 35 story with tower, 100 x 150 ft. club building, Michigan Ave. and Illinois St. Total cost $5,000,000.

Swimming Pool—Lakewood (br. Cleveland) **O.** — See "Buildings — Educational, Religious."

Gas Pipe Line—Texas—Central Power & Light Co., c/o Frost Bldg., San Antonio, soon lets contract 30 mi. gas pipe line from Nordheim to Kenedy, $35,000; 30 mi. line from Eagle Lake to Columbus, $35,000; and 40 mi. line from Gonzales to Luling, $42,000. Private plans.

Land Development — Mercedes, Tex.—Town of Santa Rose, c/o H. E. Bennett, engr., Mercedes, making surveys townsite, near here, incl. installation waterworks $40,000, sewers $45,000, street and roads paving, $65,000

Gas Pipe Line—Pawnee, Okla.—E. C. Mullendore, Cleveland, plans 55,000 ft. 6 in. gas pipe line, steel, and gas distribution system, here. $35,000. A. J. Metzger, mayor. Engineer not announced.

Unclassified (Continued)

Lighting System — Alhambra, Calif. — Making plans ornamental lighting system on Curtis and Olive Aves., 7th, 8th, and 9th St., etc. To exceed $25,000. H. E. Blake, city engr.

Lighting System—Beverly Hills, Calif.— Making plans 58,400 ft. cable and 239 iron posts on Wilshire Blvd. To exceed $25,000.

Wharves — Los Angeles, Calif. — Los Angeles City Harbor Comn. made plans 40 x 128 ft., 50 x 160 ft. and 50 x 189 ft. timber wharves at Berths 98, 101, 102. Eng. Dept. City Harbor Comn., Berth 90, engr.

Pier — Oceanside, Calif. — City making plans pier, steel column piling, wooden deck; galvanized iron railing and lamp posts. To exceed $85,000. B. L. Loucks, city engr.

Lighting System — Ontario, Calif. — Making plans 362 Ferronite standards, etc. on Euclid Ave., etc. To exceed $25,000.

Wharf — Port Darwin, Australia — Dept. Pub. Wks., Melbourne, soon takes bids 530 ft. wharf, here. $1,220,000.

Bids Desired

Tender Boats—Albany, N. Y.—Oct. 5, by T. F. Farrell, comr. Canals & Waterways, Dept. Pub. Wks., six 26 ft. buoy tender boats, delivered at Erie Canal Lock 3.

Generator—Utica, N. Y.—Oct. 27, by State Hospital Comn., Capitol, Albany, electric generator for Utica State Hospital, here; adv. E. N.-R. Sept. 30.

Stone Crushing Plant—Caldwell, N. J.—Oct. 13, by G. C. Bergen, purch. agt. Essex Co., Court House, Newark, stone crushing plant at Essex County Penitentiary, here.

Playground—Baltimore, Md.—Oct. 6, by Bd. Awards, improving playground and area around Hamilton School, Glenmore and Christopher Aves., Arlington School, Rogers and Denmore Aves., and Windsor Hills School, Alto Ave. $90,000. H. G. Perring, Hearst Tower, superv. engr. Pub. Impvt. Comn.

Stadium—Wheeling, W. Va.—Oct. 19, by Bd. Educ., C. E. Githens, supt., 330 ft. concrete stadium. $125,000. C. W. Bates, 77 12th St., archt.

Swimming Pool, etc.—Asheville, N. C.—See "Buildings—Educational, Religious."

Transit Sheds—West Palm Beach, Fla.—Oct. 28, at Room 915, Comeau Bldg., transit sheds at Lake Worth Inlet Terminal; adv .E. N.-R. Sept. 30.

Subway—Cincinnati, O.—See "Streets and Roads."

Lighting System—Gary, Ind.—Oct. 11, by Bd. Pub. Wks., street lighting system along Bway. from Wabash R.R. to 23rd Ave. M. Maloney, clk.; adv. E. N.-R. Sept. 30.

Transmission Line—Missouri—See "Contracts Awarded."

Lighting System — Okmulgee, Okla. — Oklahoma Power Co., taking bids 36 "White Way" lighting standards on various streets. C. H. Kretz, purch. agt.

Lighting System—Berkeley, Calif.—E. M. Hann, city clk., taking bids ornamental lighting system on Shattuck Ave. between University Ave and Bancroft Way. $30,000; also University Ave. between Oxford and San Pablo Aves. $87,000.

Trainshed—Saint John, N. B.—Oct. 4, by W. U. Appleton, genl. mgr. Atlantic Region, Canadian Natl. Railways, Moncton, concrete substructure, steel framework and concrete smoke ducts in trainshed, to be built, here.

Stadium—Westmont, Que.—Y. M. H. A., L. Rubenstein, pres., 35 Craig St., W., Montreal, takes bids in October, for stadium, here. $75,000. Engineer and architect's names withheld.

Bids Received

Platform Extensions — New York — Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., Sept. 22, platform extensions to stations of elevated portions Bway-Fourth Ave. Rapid Transit R.R., in Brooklyn and Queens Boros, from Edwards & Flood, Inc., 186 Joralemon St., Brooklyn, $100,674. Noted Sept. 9.

Tracks — Long Island City, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, Sept. 24, installing tracks of Flushing River Bridge and its approaches for portion Flushing extension of Queensboro Subway, here, from A. A. Johnson Corp., West Ave., Long Island City, $44,183. Noted Sept. 16.

Entrances, etc.—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., Sept. 24, relocating entrances and constructing passageway at Canal St. Station, 7th Ave.-Lexington Ave. Rapid Transit R.R., from Fox Reynolds Co., Inc., 81 East 125th St., $92,861; gate house and wire fence at Westchester Ave. Yard, from A. M. Goldsmith, Inc., 2511 Grand Central Terminal, $6,451. Noted Sept. 16.

Pier Shed—New York, N. Y.—M. Cosgrove, comr. Docks, Pier "A," foot Battery Pl., Sept. 24, pier shed and bulkhead for Pier New 35, Jefferson St. East River, from Carleton Co., Inc., 151 West 42nd St., $153,785. Noted Sept. 16.

Subway—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., Sept. 24, Sect. 3, Route 105, on 207th St. from Bway. to 10th Ave., from D. C. Serber, Inc., Grand Central Terminal, $1,195,000. Noted Sept. 16.

Elimination Grade Crossing—Phila., Pa.—See "Sewers."

Street Lighting System — Alhambra, Calif. — Ornamental lighting system on San Marino Ave., from Underground & Electric Constr. Co., 322 Petroleum Securities Bldg., Los Angeles, $44,454. Noted Sept. 16.

Contracts Awarded

Hydro-Electric Development — Hooksett, N. H.—Manchester Traction, Light & Power Co., Manchester, hydro-electric development, incl. repairs to 600 ft. of old dam, new spillway section, approximately 280 ft. crest, 40 x 56 ft., power house, turbine installation to develop 2,200 hp., to M. C. Tuttle Co., 862 Park Sq. Bldg., Boston, Mass.

Tunnel—Boston, Mass.—Pub Wks. Dept., Water Div., concrete Tunnel with steel pipe shafts under New York, New Haven & Hartford R.R. and Boston & Albany R.R. tracks at Arlington Sq., to W. Barrett & Co., 29 Hunneman St., Roxbury, $72,700. Noted Sept. 9.

Station—Dorchester (Boston P. O.) **Mass.**—Transit Dept., 1 Beacon St., Boston, for Columbia Station, Sect. 1, Dorchester Rapid Transit, here, to J. P. Foley, 80 Boylston St., Boston, $43,929. Noted Sept. 2.

Grade Crossing Elimination—New York, N. Y.—New York Central R.R. Co., Grand Central Terminal, extension of Van Courtland Park South over Putnam Division tracks, to Jobson-Gifford Co., 441 Lexington Ave., $103,000; also additional paving at Manhattanville, elimination, to W. J. Fitzgerald, Grand Central Terminal.

Car Barn—Williamsport, Pa.—Williamsport Passenger Ry. Co., L. W. Heath, genl. mgr., 1 story, 171 x 261 ft., and 31 x 132 ft., brick, steel and concrete car barn, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland, O. Engrs. est. $60,000.

Gas System—Lafayette, La.—Louisiana Pub. Utilities Co., Inc., 5 ft. water gas machine, storage tanks, etc. to Western Gas Constr. Co., 1429 Buchanan St., Fort Wayne, Ind.; 25 mi. 2- to 6-in. c.i. distribution mains, to McWane Cast Iron Pipe Co., 3600 11th Ave. N., Birmingham, Ala.; and constructing above work, to Gannett, Seelye & Fleming Eng. Co., 1 North Market Sq., Harrisburg, Pa. Engrs. est. $200,000.

Gas Mains—Detroit, Mich.—Detroit City Gas Co., Clifford St., approximately 37,700 ft. 4 and 12 in. c.i. low pressure gas mains, etc. in various streets, to J. A. McDace Co., 2016 Webb Ave., $25,000.

Elimination Grade Crossing—Phila., Pa.—See "Sewers."

Foundation—Wheaton, Ill.—Amer. Theosophical Society, 836 Oakdale Ave., Chicago, Ill., foundation for 2 and 3 story and basement, 40 x 230 ft., and 40 x 70 ft., rein-con. and brick administration, dormitory and printing plant, to Laier & La Page, Glen Ellyn. Archts. total est. $190,000. Noted July 8 under "Buildings Commercial."

Golf Course—Fon du Lac, Wis.—Fon du Lac Golf Club, c/o A. G. Dana, 104 South Main St., grading and sodding, etc., golf course, here, to Chicago Landscape Co., 79 West Monroe St., Chicago, Ill. Engrs. est. $40,000.

Grain Elevator—Milwaukee, Wis.—Kurth Malting Co., 37th Ave. and Burnham St., 50 x 125 ft., grain elevator 92 ft. high, rein.-con., incl. conveyors, etc., to Stevens Eng. Co., Landreth Bldg., St. Louis, Mo.

Snow Fence and Guard Rail — South Dakota — State Hy. Comn., Pierre, 100,000 lin.ft. snow fence, timber, f.o.b. various stations, to Dakota Highway Materials Co., Watertown, $10,051; 7,200 steel fence posts, to Jackson Hardware Co., Aberdeen, $2,442; and 40,472 lin.ft. cable guard rail on 15 Federal Aid Project in various counties, to Summit Constr. Co., Summit, $12,280. Grand total $24,773.

Transmission Line — Missouri — Empire Dist. Electric Co., Purcell, will build 6 mi. 6,600 volt, 3 phase, 25 cycle transmission line between Purcell and Alba, by day labor.

Transmission Line — Texas — Central Power & Light Co., c/o Frost Bldg., San Antonio, 26 mi. high power transmission line from Nordheim to Kenedy, to L. E. Myers Co., Kenedy, $40,000.

Transmission Line—Oklahoma—Earl W. Baker & Co., 414 Medical Arts Bldg., Oklahoma City, owner Wanette Ice, Light & Power Co., Wanette, will build electric transmission line from Wanette to Asher, $28,000. This corrects reports in Sept. 16 issue.

Lighting System—Culver City, Calif.—Ornamental lighting system on Washington Blvd. between Centinella Blvd. and west city limits, to Newberry Electric Corp., 726 South Olive St., $43,765.

Lighting System—Maywood, Calif.—See "Streets and Roads."

Culvert—Oakland, Calif.—Rein.-con. culvert extension in 12th St., to Schuler & McDonald, 1723 Webster St., $26,687 plus $0.0485 per ft. for 21, 687 ft. piling.

Ferry Boats—San Francisco, Calif.—Southern Pacific R.R. Co., 65 Market St., two electrically driven steel ferry boats equipped with Diesel engines, for auto transportation, to Bethlehem Ship Building Corp., Matson Bldg., $1,250,000.

Lamp Standards and Cables — Montreal, Que. — City Council, installing cables, etc., to Northern Electric Co. Ltd., $91,498; lamps, etc., to General Electric Co. Ltd., Montreal, $41,022; and lamp standards, to G. M. Gert, Ltd., 83 Craig St. W., $28,190. Grand total $160,710. Noted May 27.

Tunnel—Colombia, S. A.—Republic, 2 mi. railroad tunnel through La Quiebra Pass, in Department of Antiquia (Medellin), here, to Fraser Brace, Ltd., 83 Craig St., West Montreal, Que.

Materials

Proposed Work

Rock Asphalt—St. George, N. Y.—J. A. Lynch, pres. Richmond Boro, Boro Hall, rejected bids Sept. 10, 400 tons rock asphalt in district bounded by Vanderbilt Ave., Richmond Rd., Clove Rd. to Richmond Terrace. Will readvertise. Noted Sept. 16.

Gravel—Fresno, Calif.—Fresno Co. plans to purchase 6,000 tons gravel. D. M. Barnwell co. clk.

Bids Desired

Cable—New York, N. Y.—Oct. 4, by P. J. Dooling, comr. Purch., Municipal Bldg., armored cable for Dept. Street Cleaning.

Concrete—St. George, N. Y.—Oct. 6, by J. A. Lynch, pres. Richmond Boro, Boro Hall, 600 tons bituminous concrete within boundaries of Vanderbilt and Jewett Ave., Richmond Terrace, Clove Rd., Van Duzer St. and Victory Blvd.

Soil Pipe, etc.—Newark, N. J.—Oct. 7, by T. L. Raymond, dir. Dept. Pub. Affairs, City Hall, soil pipe and specials, lead pipe and fuel oil.

Steel Pipe—Phila., Pa.—Oct. 4, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., steel pipe and boiler tubes, Contr. 47. A. C. Shand, Broad St. Sta., ch. engr. for railroad.

Bridge Flooring—Ft. Madison, Ia.—Oct. 5, at office Auditor Lee Co., 60,000 ft. full sawed white oak bridge flooring. M. F. McFarland, Ft. Madison, co. engr.

Lighting Standards and Cable—Wewoka, Okla.—City in market for 40 "White Way" standards and 5,700 ft. 3 conductor armored covered cable. G. Sutlip, mayor.

Railway Equipment — Cairo, Egypt — Egyptian Government, Inspecting Engineer in Chief, in market fifty 15 ton ballast gang trip jacks; 200,000 steel railway ties, with clips and bolts; also 50 switch boxes and levers.

Contracts Awarded

Cement, etc.—Brooklyn, N. Y.—J. J. Byrne, comr. Pub. Wks., Boro Hall, 10,000 bbl. Portland cement, to M. F. Hickey Co., Inc., Neptune Ave., $27,200; 10,000 cu.yd. coarse aggregate, to New York Trap Rock Corp., 101 Park Ave., New York City, $17,100; 2,000 cu.yd. sand, to T. E. McCormick, Inc., 810 Lincoln Rd., $2,140; 2,500 cu.yd. sand, to Rosoff Sand & Gravel Co., 331 Madison Ave., New York City, $2,500; 200,000 gal. asphaltic cement, to Warner-Quinlan Co., 67 Wall St., New York City, $11,940; 1,260 net tons limestone dust, to Grangers Mfg. Co., 53 State St., Boston, Mass., $8,253; and 4,000 cu.yd. binder stone, to Calvin Tompkins Co., 30 Church St., New York City, $7,760; 10,600 cu.yd. asphalt sand, to Hygrade Builders Supply Co., 6th St. and 2nd Ave., $10,759. Grand total $87,652. Noted Sept. 9.

See proposal advertising on page 110

Constr. News page 227

LOCK JOINT

REINFORCED

From Maine to Florida!

FROM Maine (above) to Florida (below) Lock Joint Reinforced Concrete Sewer Pipe is rapidly adding to its "mileage."

It is made at the locality where it is to be installed, but before it is put in the trench (affording opportunity for thorough pre-inspection). It is backed by an experienced company, established in 1905. Its recognition is constantly growing.

Lock Joint Pipe Co., Ampere, N. J.

CONCRETE

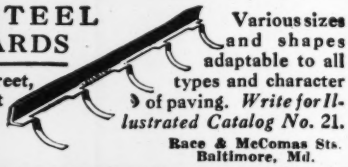
SEWER PIPE

Positive gear drive. Four speeds in either direction. Sizes built, 3½ to 25 tons in weight.

Write for catalogue

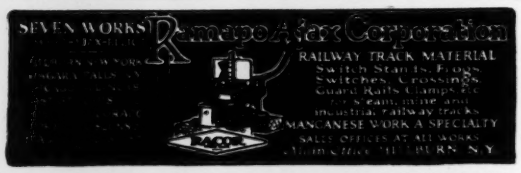
GODWIN STEEL PAVING GUARDS

Protect the edges of Street, Road, Curb, and Street Railway Paving



Various sizes and shapes adaptable to all types and character of paving. *Write for Illustrated Catalog No. 21.*

W. S. GODWIN CO., Inc. Race & McComas Sts. Baltimore, Md.



PLYMOUTH

Gasoline Locomotives

Predominate in general construction work, quarries, sand, gravel and clay pits, mines, and industrial plant haulage. Made in 3 to 25 ton sizes and any track gauge. Always ready, no coal to haul, no licensed engineer. Write for catalogs.

THE FATE-ROOT-HEATH CO.
Plymouth, Ohio

CARS—HAND, AUTOMATIC AND AIR DUMP CARS-TRACK ETC.

FOR ALL ENGINEERING AND INDUSTRIAL USES.

KOPPEL INDUSTRIAL CAR & EQUIPMENT CO.

KOPPEL — PENNA.

NEW YORK - CHICAGO
PITTSBURGH - SAN FRANCISCO

KOPPEL KOPPEL

SPECIFY THE BEST
A Complete Line of the Highest Grade Track Materials
SWEETS STEEL CO

FOR YOUR JOBS
Write for Descriptive Catalog.
WILLIAMSPORT, PA.

Only reliable products can be continuously advertised